

CLINICAL CONGRESS 2017

OCTOBER 22-26 | SAN DIEGO CONVENTION CENTER | PROGRAM
SAN DIEGO, CA

The Best Surgical Education
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WEBCASTS

CLINICAL CONGRESS 2017

Don't miss out on the sessions you want to attend—even if they're scheduled at the same time. Webcast sessions are available on any device *anytime, anywhere*. Maximize your learning opportunities and earn CME Credit and Self-Assessment Credit when it's convenient for you.

Practicing Surgeons Webcast Packages

Webcasts provide AMA PRA Category 1 Credits™, Self-Assessment Credits, and Credits to Address Regulatory Mandates. Receive a CME Certificate documenting credits upon successful completion of viewing the webcast and completing the posttest.

Resident Webcast Packages

View webcasts on demand. Individualize your education. Receive a certificate of completion.

Choose one of the three webcast packages below:

2017 Complete Package | On-Site Pricing

Access all selected webcast sessions from Clinical Congress 2017 and MP3 audio recordings of all Named Lectures and most Panel Sessions. More than 175 CME Credits and 175 Self-Assessment Credits are available for practicing surgeons.

For Practicing Surgeons*		For Residents	
Member	Non-Member	Member	Non-Member
\$495	\$545	\$200	\$250

2017 Webcast Package | On-Site Pricing

Access all selected webcast sessions from Clinical Congress 2017.

For Practicing Surgeons*		For Residents	
Member	Non-Member	Member	Non-Member
\$395	\$445	\$150	\$200

Pick 25 of 2017 | On-Site Pricing

Choose 25 of the selected webcast sessions from Clinical Congress 2017.

For Practicing Surgeons*		For Residents		Other
Member	Non-Member	Member	Non-Member	Non-Member/Non-Physician
\$245	\$295	\$100	\$150	\$225

*Practicing surgeons are eligible for CME Credit and Self-Assessment Credit.

FOR MORE INFORMATION:

Visit facs.org/clincon2017/about/resources/webcasts or contact Olivier Petinaux by phone at 866-475-4696 or by e-mail at elearning@facs.org.



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Blended Surgical Education and Training for Life®

Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to extend to you a warm welcome to the 2017 Clinical Congress of the American College of Surgeons (ACS).

We are very excited about meeting in San Diego for the first time! The Clinical Congress is the premier annual professional education and training meeting for surgeons worldwide. It offers an array of outstanding learning opportunities firmly rooted in cutting-edge science, state-of-the-art surgical practices, and contemporary principles of surgical education and continuous professional development. Our goal is to continually introduce program innovations to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team.

The 2017 Clinical Congress Program covers a broad range of critical topics across the breadth of surgery and includes 11 Named Lectures, 3 Special Sessions, 118 Panel Sessions, 19 Didactic/Experiential Courses, 12 Surgical Skills Courses, 34 Video-Based Education Sessions, 45 Meet-the-Expert Sessions, and 21 Town Hall Meetings. The Clinical Congress Program should help you address requirements for Maintenance of Certification, as well as a variety of regulatory requirements, and fulfill specific credentialing and privileging needs.

Important features of the 2017 Clinical Congress Program include:

- Panel Sessions focusing on cutting-edge advances and timely and relevant topics.
- A Special Session announcing the new ACS Academy of Master Surgeon Educators.
- The Scientific Forum featuring oral presentations of scholarly work by senior and young investigators. New this year, all scientific posters will be presented as e-Posters, available for viewing throughout the entire Congress, and Continuing Medical Education (CME) credit will be available for e-Poster Rounds.
- Self-Assessment Credits are available for most Panel Sessions, Postgraduate Courses, and Video-Based Education Sessions.
- Certificates for achieving specific levels of verification through participation in Didactic and Skills Courses, based on the Division of Education's five-level Verification Program.
- The Clinical Congress App is available for planning individual schedules and claiming CME Credits.
- Webcasts will be available for most Panel Sessions and some Didactic Courses.

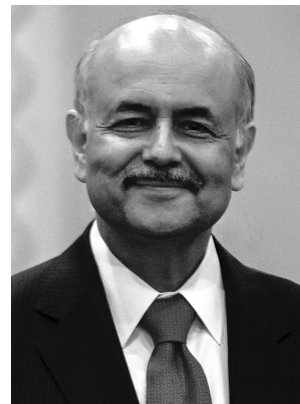
We are extremely grateful to the Members of the Clinical Congress Program Committee, Advisory Councils, Standing Committees, and Task Forces who have made extraordinary contributions to the 2017 Clinical Congress. We encourage you to take full advantage of this outstanding opportunity!

Valerie W. Rusch, MD, FACS
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCSC
Director, Division of Education



Dr. Rusch



Dr. Sachdeva

Program Committee of the American College of Surgeons

The Program Committee is responsible for planning and implementing the continuing educational offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 21-member committee, more than 40 liaison members represent the various disciplines and groups in surgery.

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Valerie W. Rusch, MD, FACS, *New York, NY*

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ACS STAFF PLEDGE TO THE SURGICAL COMMUNITY

WE AFFIRM THAT THE CLINICAL CONGRESS IS THE PREMIER EDUCATIONAL AND NETWORKING EVENT IN SURGERY. WE WILL LEVERAGE OUR EXPERTISE TO ENSURE ITS SUCCESS AND HELP THE SURGICAL COMMUNITY PROVIDE THE BEST PATIENT CARE. WE WILL DO THIS BY CONTINUALLY IMPROVING THE EXPERIENCE AND EXCEEDING YOUR EXPECTATIONS.

General Information

Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of Members, and shall include the Convocation (*Bylaws*, American College of Surgeons [ACS], Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS Members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

Goal

The Clinical Congress is designed to provide individuals with a wide range of learning opportunities, activities, and experiences that will match their educational and professional development needs.

Objectives

By the conclusion of Clinical Congress, participants should be able to:

- Apply new knowledge and ideas to improve their surgical practice
- Adapt concepts and quality measures in support of research advancements
- Enhance the quality of patient care

Registration Locations and Hours

An official registration badge is required for entrance to all sessions and the Exhibit Hall. Registration location and hours are listed below.

San Diego Convention Center, Hall D

Sunday, October 22	7:00 am-6:00 pm
Monday, October 23	6:30 am-5:00 pm
Tuesday, October 24	7:00 am-4:00 pm
Wednesday, October 25	7:00 am-4:00 pm
Thursday, October 26	7:00-10:00 am

Photo/Video Release Statement

All persons attending American College of Surgeons events may be photographed or recorded, and the photos and recordings may be used for news, educational, marketing, or other purposes. Your registration for this event signifies your consent to this use.

Badge Designations

For rapid identification purposes, the badge colors and designations for this year's Clinical Congress are as follows:

Gold-Member

Includes the following categories:

- Fellow
- Retired Fellow
- New Fellow
- Associate Fellow
- Resident Member
- Medical Student Member
- Affiliate

Green Nonmember

Includes the following categories:

- Resident nonmember
- Guest physician
- Medical student nonmember
- Allied Health (hospital administrator, hospital purchasing agent, medical association personnel, physician assistant, technician, and others)
- Nurse nonmember
- PhD nonmember

Teal

Includes the following categories:

- Guest registration
- Press
- Commercial press

Red Technical exhibitors

Gray Commercial representatives (manufacturer representatives, distributor, public relations firm, advertising representative, consultant, and potential exhibitors)

Blue ACS staff

Postgraduate Courses and Fees

Admission to all Postgraduate Courses is by badge and ticket. Only registered meeting attendees may purchase Postgraduate Course tickets, which are sold in the registration area. A complete listing of courses can be found on pages 39-58. Seating capacities are limited; on-site ticket purchases are subject to availability. Available courses are posted in the registration area.

Tickets may only be exchanged before the start of a course and only for another Postgraduate Course.

Meeting room assignments for Postgraduate Course are printed on the course ticket. The ACS reserves the right to cancel any regularly scheduled session before the start of the meeting and assumes no responsibility for nonrefundable airlines tickets and other travel costs. The ACS will make every effort to immediately notify registrants of a cancellation.

CME Credit Claiming

To claim Continuing Medical Education (CME) Credit for sessions attended, attendees must log in to the Clinical Congress CME Credit Claiming System and complete claiming requirements. The CME Credit Claiming will become available at the end of each session. The claiming can be completed at the MyCME kiosks (with the exception of Skills and Didactic Course Self-Assessment posttests) or from the Clinical Congress App or via the web at www.cme.facs.org. MyCME kiosks are located in Lobby D near registration, in ACS Central, and on the Upper Level near the meeting rooms. Attendees will be allowed to claim CME Credit for this event until **December 1, 2017**.

Please note: Being scanned into a session does *not* complete the CME Credit claiming process.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of 47.5*AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

* A maximum of 38 credits are available for non-ticketed sessions.

Self-Assessment Credit, Credit to Address Regulatory Mandates, and Credit to Address ACS Accreditation/Verification Requirements are also available for most sessions and courses.



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Self-Assessment Credit

Self-Assessment Credit will be available for most Panel Sessions, Didactic/Experiential Courses, Surgical Skills Courses, and Video-Based Education sessions.

The process of earning Self-Assessment Credit is voluntary and is not a prerequisite to claim CME Credit.

Self-Assessment Credit counts toward American Board of Surgery Maintenance of Certification (MOC) Part 2. Participants should complete their Self-Assessment posttest

as soon after attendance as possible. The final deadline to earn Self-Assessment Credit is December 1, 2017.

Credit to Address Regulatory Mandates

Some state licensing boards or health care agencies have established specific content requirements for Continuing Medical Education (CME) Credit. State requirements might include:

- Cultural Competence (CC)
- Ethics (E)
- End-of-Life Care (EoL)
- Palliative Care (PA)
- Pain Management (PM)
- Patient Safety (PtS)
- Risk Management (RM)

In an effort to help individuals meet these requirements, Clinical Congress sessions that include this content have been identified and designated as **Credit to Address Regulatory Mandates**. These specific content designations, where applicable, are indicated on the MyCME Tracking Card inserted into the program book. When claiming CME Credit for these sessions, individuals can elect to include the **Credit to Address Regulatory Mandates**, and it will be documented as part of their CME Certificate and Clinical Congress Transcript. Individuals *must* check with their state or local medical board, hospital, or organization to verify that the content does meet the specific requirements.

Credit to Address ACS Accreditation/Verification

Requirements for Various ACS Accreditation Programs

Institutions that are accredited or verified by the American College of Surgeons (ACS) require staff to earn credits in order to meet compliance and site survey requirements in applicable content areas:

- Bariatric Surgery (MBS)
- Breast (BST)
- Cancer (C)
- Pediatric Surgery (PDS)
- Pediatric Trauma (PT)
- Trauma (T)

In an effort to help individuals meet these requirements, Clinical Congress sessions that include this content have been identified and designated as **Credit to Address ACS Accreditation/Verification Requirements**. These specific content designations, where applicable, are indicated on the MyCME Tracking Card inserted in the Program Book. When claiming CME Credit for these sessions, individuals can elect to include the **Credit to Address ACS Accreditation/Verification Requirements**, and it will be documented as part of their CME Certificate and Clinical Congress transcript. Individuals *must* check with their hospital or specific ACS accreditation/verification office to verify that the content does meet the specific requirements.

Certificates

CME Certificates are available online following completion of the session evaluations and the Global Evaluation. Go to www.cme.facs.org and log in using the REG ID number on your name badge, or your ACS ID number. Offsite you will be able to print the Clinical Congress 2017 CME Certificate, as well as a transcript of all sessions you have attended. A number of Postgraduate Courses have additional requirements that require verification following the conclusion of Clinical Congress. Allow up to six weeks for notification to access certificates for these courses. Certificates of Completion are available online. For additional information, visit the MyCME Booth.

6 | General Information

Guide to Educational Credit at Clinical Congress

Claim CME Credits and Earn Self-Assessment Credit by December 1, 2017.

SESSION TYPE	OFFERS CME CREDIT	OFFERS SELF-ASSESSMENT CREDIT**
Didactic/Experiential Courses (DC)	✓	✓
Meet-the-Expert Sessions (ME)	✓	N/A
Named Lectures (NL)	✓	N/A
Panel Sessions (PS)	✓	✓*
Scientific Forum Sessions (SF)	✓	N/A
Special Interest Sessions (SI)	N/A	N/A
Special Sessions (SL)	✓	N/A
Surgical Skills Courses (SC)	✓	✓
Town Hall Meetings (TH)	N/A	N/A
Video-Based Education Sessions (VE)	✓	✓*

* Not every session will offer Self-Assessment Credit.

** Of the 150 CME Credits required every five years by the American Board of Surgery, 50 credits must be Self-Assessment Credit.

Session Evaluations, Posttests, and the Global Evaluation

PROCESS	TO CLAIM CME CREDIT	TO EARN SELF-ASSESSMENT CREDIT
The entire educational credit process must be completed online:		
<ul style="list-style-type: none"> Go to www.cme.facs.org. Use a kiosk in the San Diego Convention Center or access off-site at your convenience. You will need your name badge with your REG ID number or ACS ID number. 	✓	✓* * Must be completed offsite for all Postgraduate Courses
Complete each session evaluation.	✓	✓
Complete posttest and achieve a minimum score of 75 percent correct.	N/A	✓
After attending your last activity at the Clinical Congress, complete the Global Evaluation online no later than December 1, 2017 .	✓	✓
After the online Global Evaluation is completed, your certificate will be available online.*	✓	✓

* With the exception of surgical skills courses. Please allow up to six weeks for processing.

MyCME Booth Hours

The main MyCME Booth is located at the San Diego Convention Center, Hall D Lobby.

Hours of operation are:

Sunday, October 22	7:00 am-5:00 pm
Monday, October 23	7:00 am-6:00 pm
Tuesday, October 24	7:00 am-6:00 pm
Wednesday, October 25	7:00 am-6:00 pm
Thursday, October 26	6:30 am-12:00 noon

For additional information on how to claim CME Credit or earn Self-Assessment Credit, go to www.cme.facs.org, call the MyCME office after Clinical Congress at 866-918-4799 or 312-202-5430, or e-mail us at mycme@facs.org. Fellows and Associate Fellows can access their CME Certificates online at facs.org.

ACS Disclosure Policy

In compliance with the Accreditation Council for Continuing Medical Education Accreditation Criteria, the American College of Surgeons (ACS), as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial

interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see the insert to this program for the complete disclosure list.

Acknowledgement

The ACS acknowledges the following companies for their assistance in providing an educational grant and/or the use of equipment in the Surgical Skills Courses:

Acelity, Applied Medical Resources, Corp., Apollo Endosurgery, BK Medical, Baxter, Boston Scientific, CAE Healthcare, C.R. Bard, Cook Medical, EndoGastric Solutions, Ethicon-Endo Surgery, Inc., ERBE USA Inc, Faxitron, Focal Therapeutics, Fujifilm Sono Site, GE Healthcare, Halyard Health, Hitachi Aloka Ultrasound, Ltd., Intuitive Surgical, Inuuity, Karl Storz, Kyoto Kagaku, Limbs & Things, Mederi Therapeutics, Medtronic, Mentice Inc., Mentor Worldwide, Merit Medical Systems, Inc., Minimally Invasive Devices, Inc., OBP Medical, Olympus Corporation, Ovesco Endoscopy USA, Inc., Phillips Healthcare, Prytime Medical Devices, Inc., RGS Healthcare, Richard Wolf Medical, Symbionix-3D Systems, SimQuest, Storz Endoscopy, Stryker Endoscopy, Toshiba America Medical Systems, U.S. Endoscopy, Verathon, Xoft, and Zimmer Biomet.

Member Engagement Activities

Wellness Events

The following activities are being offered to all attendees and guests. Advance registration, available at the Registration Desk, is required.

Sunday, October 22

9:00-10:00 am

2:00-3:00 pm

ACS 5K Running and Walking Tours

5K course including San Diego coastline and downtown. Meet at the Manchester Grand Hyatt—\$10 per person.

Monday, October 23

6:00-7:00 am

Spinning Class

Marriott Marquis San Diego—\$10 per person

Limited availability

Tuesday, October 24

6:00-7:00 am

ACS 5K Running and Walking Tours

5K course including San Diego coastline and downtown. Meet at the Manchester Grand Hyatt—\$10 per person.

6:00-7:00 am

Yoga

Manchester Grand Hyatt—\$10 per person (includes yoga mat)

Wednesday, October 25

6:00-7:00 am

Yoga

Manchester Grand Hyatt—\$10 per person (includes yoga mat)

ACS Taste of the City

Wednesday, October 25, 5:30-7:30pm

Marriott Marquis San Diego—Marina Terrace

The ACS Taste of the City is an opportunity to experience San Diego's beautiful waterfront and sunset while networking with your colleagues. Bring your appetite and plan to enjoy live music, fun activities, and camaraderie with ACS leaders, staff, friends, and family members.

This event takes place at the Marriott Marquis San Diego on the Marina Terrace, which is a five-minute walk along the waterfront from the San Diego Convention Center.

The ACS Taste of the City is a complimentary event for all Clinical Congress attendees and their family members. Please indicate on the registration page if you plan to attend. Casual dress is encouraged. We hope to see you there!

Volunteer Opportunity

Tuesday, October 24, 1:00pm-3:00pm

Manchester Grand Hyatt; \$25.00 per person

The ACS is teaming up with Feeding San Diego to provide an opportunity for Clinical Congress attendees and guests to give back to the community through the Feeding San Diego Backpack Program. ACS volunteers will fill and decorate 2,500 bags with essential food items that will be distributed later to children and families in need. The registration fee for this program will help to offset the cost of supplies, transportation/distribution, and other administrative costs. Please register and help us reach our goal!

Special Sessions

Three Special Sessions at Clinical Congress 2017 will provide an in-depth look at timely and important topics. There is no charge for these sessions, which will be held during the lunch hour. Attendees will have an opportunity to purchase a lunch before entering the session. See page 38 for a complete agenda for each Special Session. Each Special Session is held in Hall F.

Monday, October 23

1:15-2:15 pm

ACS Academy of Master Surgeon Educators

Tuesday, October 24

11:30 am-12:30 pm

50th Anniversary Celebration of *Schwartz's Principles of Surgery: First Edition: A Retrospective and Futuristic View*

Wednesday, October 25

11:30 am-12:30 pm

Challenging 120 Years of Surgical Convention: The Comparison of Outcomes of Antibiotic Drugs and Appendectomy (CODA) Trial

CompuLEAD Recording System

To expedite your visits with the exhibitors, the College continues to use the enhanced LEAD retrieval system that has been used in past years. If you want to receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder and the exhibitor will have the information to instantly fill your request.

Fire and Safety

The ACS complies with all local, state, and federal safety regulations. The ACS reserves the right to limit attendance in sessions deemed unsafe by local fire and safety officers. In keeping with municipal codes, smoking is prohibited in public meeting facilities. In case of emergency, dial 5911 from any white house telephone.

Initiates'/Fellows' Photography Studio

The studio will be located at the San Diego Convention Center, Hall D, and will be accessible during the following hours:

Sunday, October 22	8:00 am-9:00 pm
Monday, October 23	8:00 am-4:00 pm
Tuesday, October 24	8:00 am-4:00 pm
Wednesday, October 25	8:00 am-4:00 pm
Thursday, October 26	8:00 am-12:00 noon

Mobile devices

As a courtesy to your colleagues, please silence cell phones and pagers while in the scientific session rooms.

Surgical History Group Poster Session

Monday - Wednesday, October 23-25
9:00 am-4:30 pm

The Surgical History Group Poster Session highlights the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display beginning Monday, October 23, through Wednesday, October 25, Hall C, San Diego Convention Center. The winning poster and runner-up will be announced during the ACS Surgical History Group Breakfast on Tuesday, October 24.

Wi-Fi Information

Free Wi-Fi will be available in all of the public areas at the San Diego Convention Center for basic browsing and checking e-mail. Complimentary Internet is available in the public space of the Manchester Grand Hyatt, the headquarters hotel for the Clinical Congress.

Help and Information kiosks

Help and Information kiosks will be located throughout the San Diego Convention Center and will be available during registration hours. Inquiries concerning the Clinical Congress may be made at these kiosks.

ACS Central: Connect. Learn. Recharge.

ACS Central will be open during the following hours:

Monday-Wednesday,
October 23-25
9:00 am-4:30 pm

Make the most of your Clinical Congress experience by visiting the new ACS Central area in the Exhibit Hall. This space is designed especially for our members! It is where you can meet the ACS staff, learn about the latest College programs, products, and services developed for you, and purchase ACS logo items, publications, and educational products.

Make ACS Central your primary gathering space during the meeting—come by to meet with friends and colleagues, charge your devices, hear about the programs we have to offer in the ACS Theatre, meet College leaders, and just relax. While you are there you also have the opportunity to update your member profile and receive a flash drive with your own professional photo.

ACS Central will also include the ACS Theatre where Monday through Wednesday we will be featuring a program or product that you will want to know about. The ACS Theatre will also be used for meet-and-greets with ACS leaders. Posters will be located throughout ACS Central outlining the schedule for the day, and alerts will be sent out via the app and ACS social media channels alerting you to when the ACS Theatre sessions are taking place and when leaders will be available to meet and talk with you and get your feedback on how we can improve ACS.

The following ACS exhibits will be located at the San Diego Convention Center, Hall D Lobby:

- ACS Foundation-Hospitality Center
- ACSPA-SurgeonsPAC

The following ACS area will be located at the San Diego Convention Center, Hall D

- Join ACS/Member Services

These exhibits will be open during the following:

Sunday, October 22	7:00 am-6:00 pm
Monday, October 23	6:30 am-5:00 pm
Tuesday, October 24	7:00 am-4:00 pm
Wednesday, October 25	7:00 am-4:00 pm
Thursday, October 26	7:00-10:00 am

ACS Career Fair

The ACS Career Fair is a recruiting event with representatives from more than 20 hospitals, private practices, and health care organizations from around the country looking to meet and talk with interested candidates from a variety of surgical specialties. All levels of ACS members—from residents to early-, mid-, and late-career surgeons—should visit the ACS Career Fair.

The ACS Career Fair will also include the ACS Surgery Career Connection booth so that you can review all available surgeon jobs posted to the career site and talk to a representative about how to take full advantage of everything the site has to offer. Experts will be on hand to review resumes and provide interview tips. The ACS Career Fair will be located in the Exhibit Hall and will be open Monday through Wednesday, 9:00 am-4:30 pm.

Housing Information Desk

Representatives from onPeak will be available to answer any questions regarding hotel reservations. Attendees will also be able to modify current reservation or make new reservations. The Housing Information Desk is located in the San Diego Convention Center and will be open during registration hours (phone: 619-525-6200). If you need assistance during non-registration hours, an onPeak representative will be available at 312-527-7385.

Make your hotel reservation for the Clinical Congress 2018 in Boston, MA, at the Housing Information Desk. Representatives will be available to answer any questions that you have regarding participating hotels.

Bistro ACS

Grab lunch and network with exhibitors or your colleagues at Bistro ACS in the exhibit hall at the San Diego Convention Center, Hall B, Monday, October 23, through Wednesday, October 25. Bistro ACS provides an excellent opportunity for uninterrupted face-to-face time between attendees and exhibiting companies.

Bistro ACS offers assorted menu options, including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive lunch buffet; \$26 includes lunch, beverages, dessert, and tax. Bistro ACS also provides attendees with express seating and is conveniently located so that you can enjoy a quick and delicious lunch. Tickets can be purchased daily at the Bistro ACS booth at the San Diego Convention Center, or purchased online at <http://bistroticket.com/acs/>.

Breaks

Congress-wide breaks are scheduled for 9:30 am, 11:15 am, and 4:00 pm Monday; 7:45 am, 9:30 am, 2:15 pm, and 4:00 pm Tuesday and Wednesday; and 7:45 am and 9:30 am Thursday. At these times, all sessions, except Postgraduate Courses, will have a 15-minute break. On Monday, an extended break is scheduled between 1:00 and 2:30 pm, and Tuesday and Wednesday between 11:15 am and 12:45 pm.

Clinical Congress News

The official annual meeting newspaper will be distributed at the San Diego Convention Center and at the headquarters hotel each morning of the Congress. Last minute program changes and other timely information will be announced in the newspaper. Items for publication must be delivered or communicated to the *Clinical Congress News* office located in the San Diego Convention Center before 1:00 pm on the day preceding the desired date of publication. The *Clinical Congress News* will also be available via the Clinical Congress App.

Scientific e-Poster Presentations

The Owen H. Wangenstein Scientific Forum is proud to announce e-Poster presentations. More than 350 electronic posters will showcase timely, innovative information, and findings on original scientific research, surgical procedures, practices, and approaches. One room will be dedicated to e-Poster presentations.

Sessions have been created for e-Poster presentations and discussions with invited faculty, and will take place in Room 6A during the following days and times:

Monday, October 23	9:45-11:15 am 2:30-4:00 pm
Tuesday, October 24	9:45-11:15 am 2:30-4:00 pm
Wednesday, October 25	9:45-11:15 am 2:30-4:00 pm

Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services.

The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located at the San Diego Convention Center, Halls B and C, and will be open at the following times:

Monday, October 23	9:00 am-4:30 pm
Tuesday, October 24	9:00 am-4:30 pm
Wednesday, October 25	9:00 am-4:30 pm

Webcasts and Audio Packages

Look for this icon in the Scientific Program section:  

Practicing Surgeons Webcast Packages

Claim Continuing Medical Education (CME) Credit and earn Self-Assessment Credit for each webcast. Receive a CME certificate with Self-Assessment Credit and Credit to Address Regulatory Mandates as applicable upon successful completion of viewing the webcast and completing the posttest.

Resident Webcast Packages

Resident Webcast Packages allow users to do the following:

- View webcasts on demand
- Individualize your education
- Receive a certificate of completion

Choose one of the following three Webcast Packages:

2017 Complete Package

Access all 118 webcast sessions from Clinical Congress 2017 and all MP3 audio recordings of most Named Lectures and most Panel Sessions. More than 175 CME credits are available for practicing surgeons.

2017 Webcast Package

Access all 118 webcast sessions from Clinical Congress 2017.

Webcast Pick 25 of 2017

Select your own 25 out of the 118 available webcast sessions from Clinical Congress 2017.

Purchase Webcast Packages at the Webcast Sales Booth, San Diego Convention Center, Hall D Lobby.

For more information, visit facs.org/clincon2017/about/resources/webcasts or contact Olivier Petinaux at 866-475-4696 or elearning@facs.org.

Shuttle Bus Service

The ACS provides complimentary shuttle bus service between most designated hotels in the ACS block and the San Diego Convention Center. The complimentary shuttle bus service will run on the following schedule:

Daily Time Schedule

Sunday, October 22	6:30 am-6:00 pm 8:00-9:45 pm*
Monday, October 23	6:30 am-6:15 pm
Tuesday, October 24	5:30 am-6:15 pm
Wednesday, October 25	6:30 am-6:15 pm
Thursday, October 26	6:30-11:45 am

* On Sunday, October 22, Shuttle Service will run additionally from 8:00 pm-9:45 pm from San Diego Convention Center to hotels on all routes.

Frequency will be every 15 to 20 minutes.

NOTE: Shuttle bus times and routes are subject to change. Check your hotel lobby for the most up-to-date schedule and routes. For hotel shuttle information or special needs transportation, call 877-884-2455.

First Aid Facilities/Lactation Room

The first aid office will be located at the San Diego Convention Center outside Hall E, Box Office E. The lactation room is located on the Mezzanine level, Show Office D. The telephone number will be published in the *Clinical Congress News*. The hours of operation are as follows:

Sunday, October 22	7:00 am-6:00 pm
Monday, October 23	6:30 am-6:00 pm
Tuesday, October 24	7:00 am-6:00 pm
Wednesday, October 25	7:00 am-6:00 pm
Thursday, October 26	7:00 am-5:00 pm

Children

The ACS policy regarding children is as follows:

- Children under 18 years of age must be accompanied by an adult on all tours. Please see tour descriptions on page 11 for age restrictions on any specific tours.
- Children under 16 years of age are not permitted on exhibit floor or in scientific sessions.
- Children ages 16 and older must have a badge to enter exhibit area or meeting rooms.

This policy includes infants in strollers and arms. See page 12 for information on the ACS child care program, Camp ACS.

Friends of Bill W.

Friends of Bill W. will meet Monday, October 23 through Wednesday, October 25, 7:00-8:30pm, at the Manchester Grand Hyatt, Bayside Room, Lobby Level.

Lost and Found

Lost and Found areas are located in the ACS Convention Office Solana AB, at the Manchester Grand Hyatt and in the Convention and Exhibit Office at the San Diego Convention Center, Hall D.

Prayer Room

A prayer room will be available during the meeting and will be located at the San Diego Convention Center, on the Mezzanine Level in Show Office E.

Speaker Ready Room

The Speaker Ready Room is located at the San Diego Convention Center near Registration in Hall D, Ground Level. Days and hours of operation are as follows:

Saturday, October 21	7:30 am-4:00 pm
Sunday, October 22	7:00 am-5:00 pm
Monday, October 23	6:30 am-6:00 pm
Tuesday, October 24	6:30 am-6:00 pm
Wednesday, October 25	6:30 am-6:00 pm
Thursday, October 26	6:30-11:00 am

It is requested that all speakers visit the Speaker Ready Room at least four hours in advance of their presentation time to verify the receipt of presentations. Speakers who have not submitted their presentations via the advance submission website or have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

ACS Logo Merchandise

ACS exclusive logo merchandise will be available for purchase at the Logo Merchandise Booth located at the San Diego Convention Center, Hall C in ACS Central. The hours of operation are as follows:

Monday, October 23	9:00 am-4:30 pm
Tuesday, October 24	9:00 am-4:30 pm
Wednesday, October 25	9:00 am-4:30 pm

Alumni and Ancillary Event Bulletin Board

Space is provided to post information about meetings, job opportunities, seminars, and other information of interest. The event bulletin board is located at the San Diego Convention Center.

Future Meetings

2018 Boston, MA	October 21-25
2019 San Francisco, CA	October 27-31
2020 Chicago, IL	October 4-8

Guest Program and Registration

Guests may register on site for a \$95 nonrefundable registration fee. All guest registrants must be accompanied by a Scientific Program registrant of another category. Guest registration is meant for nonmedical attendees only. Guests are ineligible for Continuing Medical Education Credits or a Certificate of Attendance, nor can they attend Postgraduate Courses or Meet-the-Expert Sessions.

The guest registration fee allows individuals to attend scientific sessions, view the technical and scientific exhibits, purchase event and tour tickets, and use the shuttle service. Guest registrants also receive a tote bag including local information and a gift.

On-site guest registration and additional tour tickets (based on availability) may be purchased at the On-Site Registration area located at the San Diego Convention Center, Hall D, and at the Guest Registration Desk at the Manchester Grand Hyatt, Mission Beach Room, Third Level, Seaport Tower, during the registration hours below.

San Diego Convention Center, Hall D

Sunday, October 22	7:00 am-6:00 pm
Monday, October 23	6:30 am-5:00 pm
Tuesday, October 24	7:00 am-4:00 pm
Wednesday, October 25	7:00 am-4:00 pm

Manchester Grand Hyatt, Mission Beach Room, Third Level, Seaport Tower

Saturday, October 21	1:00-5:00 pm
Sunday, October 22	8:00 am-5:00 pm
Monday, October 23	7:00 am-3:00 pm
Tuesday, October 24	8:00 am-4:00 pm
Wednesday, October 25	8:30 am-12:00 noon

Guest Program

The following activities are available to all registered attendees and guests. Tickets are distributed based on availability and can be purchased at Registration at the Convention Center or at Guest Program Registration at the Manchester Grand Hyatt.

Sunday, October 22

8:00-11:00 am
Navy SEAL Bootcamp: \$169 per person
1:00-5:00 pm
Torrey Pines Gliderport: \$275 per person
6:00-10:00 pm
Sail on the San Diego Bay and Dinner: \$231 per person

Monday, October 23

8:30 am-12:30 pm
San Diego Land and Sea Adventure: \$47 per person
1:00-4:30 pm
Walking Gaslamp Architectural Tour: \$35 per person
1:00-5:00 pm
Mission Basilica & Presidio Park: \$47 per person
1:30-2:30 pm
Estate Planning and Tax Issues for Surgeons and Their Spouses
6:00-10:00 pm
Top Gun Event at MCAS Miramar: \$193 per person

Tuesday, October 24

8:00-11:00 am
Falcon Interaction: \$125 per person
9:00 am-4:00 pm
A Day in Julian: \$95 per person
12:00 noon-4:00 pm
Coronado Guided Biking Tour: \$65 per person
4:30-9:30 pm
Farm-to-Fork Tour, Wine Tasting, and Dinner: \$223 per person

Wednesday, October 25

9:00 am-12:00 noon
Salk Institute: \$46 per person
10:00 am-3:00 pm
Birch Aquarium, Coast Walk, and Shopping: \$99 per person
1:00-5:00 pm
Cedros Avenue Design District: \$28 per person

Guest Program Tour Departures

IMPORTANT NOTE: All tours will depart from and return to the Manchester Grand Hyatt unless otherwise noted. Please meet in the lobby of the hotel unless otherwise indicated. We recommend that you arrive at least 15 minutes prior to the scheduled tour time and wear comfortable walking shoes for all tours. Unless otherwise indicated, all lunches and dinners referred to are included in the price of the tour. Tours will be held rain or shine, unless otherwise notified.

Refund Policy

The Guest Registration fee is nonrefundable. The tour cancellation deadline has passed and no refunds for cancellation can be given due to commitments made. This policy is strictly enforced.

Child Policy

Children younger than 18 years old must be accompanied by an adult on all tours. Please refer to each tour description for any specific age restrictions for the tours. Tour tickets for children may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names and ages. Young adults ages 16 and older must be registered as a guest and pay the registration fee to participate in Congress activities. Please note that the ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

Child Care / Camp ACS

ACCENT on Children's Arrangements Inc. is partnering with the ACS to provide an on-site children's program tailored especially for the children of ACS Members. Children ages six months to 17 years are welcome to participate in Camp ACS.

Camp ACS is located at the Marriott Marquis San Diego. On-site registration will be available on a space-available basis.

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is 12:00 noon-1:00 pm.

Hours of Operation:

Sunday, October 22 to Wednesday, October 25
7:30 am-10:00 pm

If you have questions, please stop by the Camp ACS registration desk at the Marriott Marquis San Diego, or call the hotel at (619) 234-1500 and ask to be connected to the Camp ACS desk.

Little Medical School

Little Medical School is an educational enrichment program prepared by board-certified physicians and educators that gives children the opportunity to explore the world of medicine, science, and health in an engaging and fun way. Available for children ages two years and older, this optional program is offered as an add-on option to Camp ACS. Little Medical School will be held at the Marriott Marquis San Diego, and will be supervised by our licensed child care provider.

Monday, October 23

1:00-4:00 pm

Marriott Marquis San Diego—\$30 per child

Sessions-at-a-Glance by Track

KEY TO SESSION/COURSE CODES

DC	Didactic/Experiential Course
ME	Meet-the-Expert Session
NL	Named Lecture
PS	Panel Session
SC	Surgical Skills Course
SF	Scientific Forum
SI	Special Interest Session
TH	Town Hall Meeting
VE	Video-Based Session

LOCATION ABBREVIATIONS

CFS	Center for the Future of Surgery
MGH	Manchester Grand Hyatt
HSDB	Hilton San Diego Bayfront
MMSD	Marriott Marquis San Diego
NMCS-D-MSSC	NMCS-D Medical and Surgical Simulation Center

- (\$) DC, ME, and SC Courses are Ticketed Sessions
 (W) Webcast session (Webcast package available for purchase)
 (A) Audio session (Audio available for purchase)

BASIC/TRANSLATIONAL RESEARCH (BTR)				
MONDAY, OCTOBER 23			ROOM	
4:15–5:00	NL04	I. S. Ravdin Lecture in the Basic and Surgical Sciences: Microbiome Medicine—This Changes Everything	5AB	(A)
TUESDAY, OCTOBER 24			ROOM	
11:30–12:30	ME206	Is That Big Data or Just a Lot of Data? Using Large Databases for Outcomes Research (\$)	25A	
12:45–2:15	SF22	Bariatric/Foregut I	6D	
4:15–5:45	SF34	Bariatric/Foregut II	5AB	
4:15–5:45	SF36	Transplantation and Tissue Engineering I	32AB	
WEDNESDAY, OCTOBER 25			ROOM	
9:45–11:15	PS311	Augmented Reality: Advances in Intraoperative Visualization	6D	(W) (A)
11:30–12:30	ME306	Cancer Care Delivery Research and the National Cancer Institute (NCI) Community Oncology Research Program (\$)	23A	
4:15–5:45	SF60	Transplantation and Tissue Engineering II	32AB	
THURSDAY, OCTOBER 26			ROOM	
9:45–11:15	SF67	Bariatric/Foregut III	5AB	
COLON AND RECTAL SURGERY (CRS)				
SUNDAY, OCTOBER 22			ROOM	
9:30–5:00	DC08	Management of Anorectal Disease (\$)	10	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS101	Controversies in the Management of Complicated Diverticulitis	Hall F	(W) (A)
9:45–11:15	PS105	Antibiotic Stewardship: The Key to Avoiding the Loss of Effective Antibiotics in Surgery: Part I	6D	(W) (A)
11:30–1:00	PS113	Multidisciplinary Approach to Vaginal Fistulas	3	(W) (A)
1:00–5:15	SC06	Advanced Colonoscopy: Polypectomy and Beyond (\$)	18 16AB	
1:15–2:15	ME101	Anorectal Surgery (\$)	28B	
2:30–4:00	PS118	Intraoperative Abdominal Complications and Challenges	Hall F	(W) (A)

TUESDAY, OCTOBER 24			ROOM	
8:00–9:00	NL05	Herand Abcarian Lecture: The Rationale for and Reality of the New ACS CoC National Accreditation Program for Rectal Cancer	33ABC	
8:00–9:30	PS201	Perioperative Fluid Management	20A	(W) (A)
8:00–9:30	PS202	Rectal Cancer Centers of Excellence	6D	(W) (A)
8:00–9:30	PS204	What's New in Health Care-Associated Infections?: Part II	6E	(W) (A)
8:00–9:30	PS207	Inflammatory Bowel Disease: Update on Medical and Surgical Management	20D	(W) (A)
9:45–11:15	PS213	Enhanced Recovery After Surgery (ERAS): Colorectal Surgery and Beyond	20A	(W) (A)
9:45–11:15	SF19	Colon and Rectal Surgery I	20BC	
11:30–12:30	ME202	Anorectal: Abscesses and Fistulae (\$)	26B	
2:30–4:00	PS224	Neuromodulation in the Functional Pelvis	9	(W) (A)
2:30–4:00	PS225	Colitis for Acute Care Surgeon: Infectious, Ischemic, and Inflammatory	20D	(W) (A)
2:30–4:00	SF28	Colon and Rectal Surgery II	6D	
WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	PS301	Management of Stage IV Colorectal Cancer	20A	(W) (A)
11:30–12:30	ME315	Treatment Options for Anal Fissure (\$)	25B	
12:45–4:00	VE26	Colon and Rectal Surgery I	31BC	
2:30–4:00	PS322	Gastrointestinal (GI) Robotic Surgery: State of the Art or Hype?	6B	(W) (A)
2:30–4:00	SF52	Colon and Rectal Surgery III	6D	
4:15–5:45	PS329	Organ-Preserving Strategies in Rectal Cancer	20A	(W) (A)
THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	PS401	Abdominal Emergencies in Patients with Inflammatory Bowel Disease: What's a Surgeon to Do?	6B	(W) (A)
8:00–9:30	SF62	Colon and Rectal Surgery IV	8	
8:00–11:15	VE34	Colon and Rectal Surgery II	33ABC	
9:45–11:15	SF68	Colon and Rectal Surgery V	32AB	

CARDIOTHORACIC SURGERY (CTS)					
MONDAY, OCTOBER 23			ROOM		
9:45–10:45	NL02	John H. Gibbon, Jr., Lecture: Lung Transplantation	20BC		🎧
11:30–1:00	PS110	Advanced Methods to Manage Acute Lung Injury and Hemodynamics	5AB		📱 🎧
2:30–4:00	PS117	GERD to Cancer: What's the Best Intervention?	20D		📱 🎧
2:30–4:00	PS121	Airway Management in the Intensive Care Unit	5AB		📱 🎧
5:30–9:00	SI10	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students (S)	HSDB Sapphire Ballroom AB/EF		
TUESDAY, OCTOBER 24			ROOM		
8:00–9:30	SF14	Cardiac Surgery I	3		
9:45–11:15	PS211	Lung, Liver, and Kidney: Latest in Ex-Vivo Perfusion for Solid Organ Transplantation	6E		📱 🎧
9:45–11:15	SF18	Cardiac Surgery II	7AB		
11:30–12:30	ME215	Surgical Management of Chest Wall Deformities (S)	24B		
12:45–4:00	VE13	Cardiothoracic Surgery	31BC		
WEDNESDAY, OCTOBER 25			ROOM		
8:00–9:30	PS303	Management of Acute and Chronic Pleural Disease	6D		📱 🎧
8:00–9:30	SF41	Thoracic Surgery I	9		
9:45–11:15	SF47	Thoracic Surgery II	32AB		
12:45–2:15	PS315	Treatment of the Perforated Esophagus	6B		📱 🎧
12:45–2:15	PS317	Innovative Strategies in Surgical Education	6E		📱 🎧
2:30–4:00	PS325	Precision Medicine in Surgical Oncology: What Every Surgeon Needs to Know	1AB		📱 🎧
THURSDAY, OCTOBER 26			ROOM		
7:00–7:45	TH18	Alternative Payment Models: Value-Based Care and Bundle Payment Models	2		
EDUCATION/OUTCOMES AND SAFETY (EDU)					
SATURDAY, OCTOBER 21			ROOM		
9:00–4:30	DC03	Surgical Education: Principles and Practice (S)	8		
SUNDAY, OCTOBER 22			ROOM		
9:00–4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (S)	18		
MONDAY, OCTOBER 23			ROOM		
9:45–11:15	PS104	The Gut Microbiome: Implications for Surgical Complications	20D		📱 🎧
9:45–11:15	PS105	Antibiotic Stewardship: The Key to Avoiding the Loss of Effective Antibiotics in Surgery: Part I	6D		📱 🎧
9:45–11:15	SF02	Surgical Education I	5AB		
1:00–5:15	DC12	Achieving Success in Critical Situations: Safety and Teamwork in the Operating Room (S)	11A		
1:15–2:15	ME110	From Risk Calculators to Decision Aids: Revolutionizing Surgical Decision Making (S)	25C		
1:15–2:15	SL01	American College of Surgeons (ACS) Academy of Master Surgeon Educators	Hall F		📱 🎧
2:30–4:00	PS119	Getting the Sickest Patients Ready When They Need to Go to the Operating Room	6B		📱 🎧
2:30–4:00	SF09	Health Services Research I	3		
4:15–5:45	PS128	Assuring Diversity in the Surgical Workforce	2		📱 🎧
4:15–5:45	PS130	Improving Quality and Outcomes through Interprofessional Teams	1AB		📱 🎧
4:15–5:45	PS131	How to Assess the Operative Skills of Senior Surgery Residents	6B		📱 🎧
4:15–5:45	SF13	Surgical Education II	3		
TUESDAY, OCTOBER 24			ROOM		
7:00–7:45	TH02	ACS NSQIP® Surgical Care and Recovery Program and Protocols	7AB		
7:00–7:45	TH03	Residency Redesign: Where Are We Headed?	6B		
7:00–7:45	TH05	Industry Bias in Surgical Research	2		
8:00–11:45	SC07A	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair (Lecture only) (S)	8		
8:00–5:00	SC07B	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab) (S)	8 16AB		
8:00–9:30	PS204	What's New in Health Care-Associated Infections?: Part II	6E		📱 🎧
8:30–12:45	DC14	Fundamental Use of Surgical Energy (FUSE): Preparation and Refresher Course (S)	10		
9:45–11:15	PS214	Improving Outcomes by Enhancing and Teaching Cultural Competency and Addressing Bias	3		📱 🎧
11:30–12:30	ME206	Is That Big Data or Just a Lot of Data? Using Large Databases for Outcomes Research (S)	25A		
12:45–2:15	PS217	Crisis Management in the Operating Room	20D		📱 🎧
12:45–2:15	PS219	U.S. Presidents and Their Surgical Care	6B		📱 🎧
12:45–2:15	SF26	Health Services Research II	9		
12:45–5:00	PS221	Association of Program Directors in Surgery (APDS) Panels	7AB		📱 🎧
2:30–4:00	SF31	Health Services Research III	10		
4:15–5:45	PS234	Money Does Not Grow on Fees!	31BC		📱 🎧
WEDNESDAY, OCTOBER 25			ROOM		
7:00–7:45	TH10	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	1AB		
7:00–7:45	TH13	The American College of Surgeons Children's Surgery Verification Quality Improvement Program Update	2		
8:00–9:30	PS302	Shared Decision Making for Treatment of Uncomplicated Appendicitis	20BC		📱 🎧
8:00–9:30	SF39	Surgical Education III	6B		

9:45–11:15	SF45	Surgical Education IV	6E	
10:00–2:15	DC19	From Normalized Stress to the Precipice of Burnout: Strategies to Retain Joy in the Profession (S)	10	
11:30–12:30	ME302	Early Postoperative Cholecystectomy Pain (S)	27A	
11:30–12:30	ME307	Integrating New Technology into Practice (S)	23C	
12:45–2:15	PS312	Medical Student Training: From Spectators to Team Players	20BC	(W) (U)
12:45–2:15	PS317	Innovative Strategies in Surgical Education	6E	(W) (U)
12:45–2:15	PS318	Future Surgeon Scientists—How Do We Train Them?	32AB	(W) (U)
2:30–4:00	PS328	Options for Becoming a Parent during and after Surgical Training	10	(W) (U)
12:45–2:15	SF48	Surgical Education V	7AB	
2:30–4:00	PS321	Optimal Perioperative Anticoagulation	20D	(W) (U)
2:30–4:00	PS322	Gastrointestinal (GI) Robotic Surgery: State of the Art or Hype?	6B	(W) (U)
2:30–4:00	SF55	Health Services Research IV	18	
4:15–5:45	PS332	Training Surgeons for Rural Practice	20D	(W) (U)
4:15–5:45	PS334	The Disruptive Surgeon: A Costly Situation	20BC	(W) (U)
4:15–5:45	SF58	Health Services Research V	1AB	
THURSDAY, OCTOBER 26				ROOM
7:00–7:45	TH15	An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)	5AB	
7:00–7:45	TH20	Communication Across the Generations: How to Hire the Best and the Brightest	7AB	
8:00–9:30	PS402	Ten Hot Topics in Surgical Patient Safety	20A	(W) (U)
8:00–9:30	SF64	Health Services Research VI	32AB	
ETHICS (ETH)				
MONDAY, OCTOBER 23				ROOM
1:15–2:15	ME110	From Risk Calculators to Decision Aids: Revolutionizing Surgical Decision Making (S)	25C	
1:30–5:45	DC13	Surgical Ethics for the Practicing Surgeon (S)	10	
2:30–4:00	PS122	Initiates' Program: Celebrating Racial, Ethnic, and Gender Diversity: Where We Are and Where We Need to Be	2	
TUESDAY, OCTOBER 24				ROOM
7:00–7:45	TH05	Industry Bias in Surgical Research	2	
12:45–2:15	SF23	Ethics	3	
WEDNESDAY, OCTOBER 25				ROOM
7:00–7:45	TH08	Difficult Dialogues: The Challenges of Caring for Dying Patients	6E	
9:45–10:45	NL10	John J. Conley Ethics and Philosophy Lecture: Empowerment Failure: How Physician Communication Breakdowns Undermine Patient Autonomy	20BC	(U)

12:45–2:15	PS316	A View from Both Sides of the Table: The Surgeon as Patient	6D	(W) (U)
THURSDAY, OCTOBER 26				ROOM
7:00–7:45	TH19	Reducing Malpractice Risk: The Benefits of Early Disclosure, Apology, and Resolution	1AB	
GENERAL SURGERY (GEN)				
SATURDAY, OCTOBER 21				ROOM
8:00–3:30	DC01	Emergency General Surgery: Annual Update (S)	10	
8:00–5:30	SC01	Advanced Skills Training for Rural Surgeons: Laparoscopic Common Bile Duct Exploration and Closure of Complex Soft-Tissue Defects (S)	NMCS-D-MSSC	
8:30–4:00	DC02	Management of the Complex Older Surgical Patient: Geriatric and Palliative Care (S)	11A	
SUNDAY, OCTOBER 22				ROOM
7:00–4:30	PS001	Excelsior Surgical Society: Achieving Surgical Readiness: Where Are We Now and Where Are We Going?	MGH Grand Hall C	
8:00–12:00	SC02A	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery (Lecture only) (S)	8	
8:00–5:30	SC02B	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery (Lecture and Lab) (S)	8 16AB, 17AB	
8:15–5:30	SC03	Thyroid, Parathyroid, and Neck Ultrasound (S)	15AB	
8:30–4:30	DC06	Basic Coding: Fast Track to Payment: Coding, Billing, and Reimbursement for Surgical Services (S)	11A	
9:30–5:00	DC08	Management of Anorectal Disease (S)	10	
MONDAY, OCTOBER 23				ROOM
9:00–9:30	NL01	Martin Memorial Lecture: Personal Best: Reflections of a Physician Astronaut on Leadership and Teamwork	Hall F	(U)
9:45–1:00	VE02	Bariatric Surgery	2	
9:45–1:00	VE03	General Surgery I—Gastrointestinal Surgery	33ABC	
9:45–11:15	PS100	Inguinal Hernia Repair—Laparoscopic or Robotic: Does It Matter?	20A	(W) (U)
9:45–11:15	PS101	Controversies in the Management of Complicated Diverticulitis	Hall F	(W) (U)
9:45–11:15	PS102	Pelvic Masses in the Pediatric Patient	3	(W) (U)
9:45–11:15	PS104	The Gut Microbiome: Implications for Surgical Complications	20D	(W) (U)
9:45–11:15	PS105	Antibiotic Stewardship: The Key to Avoiding the Loss of Effective Antibiotics in Surgery: Part I	6D	(W) (U)
9:45–11:15	PS107	Bombings: Ballistics Injuries Management and Rehabilitation of the Wounded Warrior	6B	(W) (U)
9:45–11:15	SF01	Hepatobiliary and Pancreas I	6E	
9:45–11:15	SF02	Surgical Education I	5AB	
9:45–11:15	SF04	e-Poster Rounds I	6A	

9:45–5:15	DC09	Breast Cancer: National and International Disparities (S)	7AB	
9:45–5:45	DC10	Master Coding: General Surgery Current Procedural Terminology (CPT) Coding (S)	8	
10:00–5:00	DC11-1	General Surgery Review Course—Part I (S)	30B-E	
10:00–5:30	SC05	Robotic Gastrointestinal Surgery: Program Planning, Approach, and Applications (S)	14AB	
11:30–1:00	PS109	Cholecystectomy: From Lap Chole to Open Common Duct Exploration—All the Tools You Need	Hall F	(W) (U)
11:30–1:00	PS111	Surgical Coaching: Mentor and Mentee	20BC	(W) (U)
11:30–1:00	PS114	Nutrition: Overfeeding, Underfeeding, and No Feeding	6B	(W) (U)
11:30–1:00	SF05	Trauma I	20D	
11:30–1:00	VE04	Subject-Oriented Symposium I: Endocrine Surgery—New and Novel Interventions	31BC	
1:00–5:15	SC06	Advanced Colonoscopy: Polypectomy and Beyond (S)	18 16AB	
1:15–2:15	ME102	Antireflux Gadgets and Gimmicks (S)	25B	
1:15–2:15	ME103	Approaches to Acute Pancreatitis (S)	24A	
1:15–2:15	ME104	Bariatric Surgery for the General Surgeon (S)	24B	
1:15–2:15	ME105	Be Your Own Boss: Tips for Starting Your Own Surgical Practice—Urban and Rural (S)	23B	
1:15–2:15	ME106	Breast Cancer Management 2017 (S)	28C	
1:15–2:15	ME107	Critical Issues in Laparoscopic Ventral Hernia Repair (S)	28A	
1:15–2:15	ME108	Enteral Access for Nutrition (S)	23C	
1:15–2:15	ME109	Fixation of Rib Fractures (S)	26B	
1:15–2:15	ME112	Medullary Thyroid Cancer: What You Need to Know (S)	23A	
1:15–2:15	ME113	Minimally Invasive Parathyroidectomy: How I Do It (S)	24C	
1:15–2:15	SL01	American College of Surgeons (ACS) Academy of Master Surgeon Educators	Hall F	(W) (U)
1:30–5:45	DC13	Surgical Ethics for the Practicing Surgeon (S)	10	
2:30–4:00	PS116	The Computed Tomography (CT) Scan Reading Says “Bowel Obstruction”: Must I Operate?	20A	(W) (U)
2:30–4:00	PS117	GERD to Cancer: What’s the Best Intervention?	20D	(W) (U)
2:30–4:00	PS118	Intraoperative Abdominal Complications and Challenges	Hall F	(W) (U)
2:30–4:00	PS119	Getting the Sickest Patients Ready When They Need to Go to the Operating Room	6B	(W) (U)
2:30–4:00	PS120	Children With Carcinomas: Striving for Collaborative Care	9	(W) (U)
2:30–4:00	PS132	Intimate Partner Violence: An Unspoken Epidemic	31A	(W) (U)

2:30–4:00	SF08	e-Poster Rounds II	6A	
2:30–4:00	VE05	Pancreas Surgery I	MMSD Marina Ballroom DE	
2:30–5:45	PS124	Latin America Day (Spanish)	6D	
2:30–5:45	VE07	Challenging and Unusual Problems in Surgery	33ABC	
4:15–5:00	NL04	I. S. Ravdin Lecture in the Basic and Surgical Sciences: Microbiome Medicine—This Changes Everything	5AB	(U)
4:15–5:45	PS125	Contemporary Management of Acute Pancreatitis	Hall F	(W) (U)
4:15–5:45	PS126	Managing Thyroid Nodules	20BC	(W) (U)
4:15–5:45	PS127	Gastric Cancer: East Meets West (and Everybody In between)	20A	(W) (U)
4:15–5:45	SF11	General Surgery I	20D	
4:15–5:45	SF13	Surgical Education II	3	
6:30–8:30	VE08	Highlights from ACS Video Library I	MMSD Marina Ballroom DE	
TUESDAY, OCTOBER 24			ROOM	
7:00–7:45	TH01	ACS Strong for Surgery	6E	
7:00–7:45	TH02	ACS NSQIP® Surgical Care and Recovery Program and Protocols	7AB	
7:00–7:45	TH05	Industry Bias in Surgical Research	2	
8:00–11:15	PS208	Spectacular Cases	6B	
8:00–4:00	DC11-2	General Surgery Review Course—Part II (S)	30B-E	
8:00–11:45	SC07A	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair (Lecture only) (S)	8	
8:00–5:00	SC07B	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab) (S)	8 16AB	
8:00–5:30	SC08	Advanced Robotic Surgery for Specialized Gastrointestinal Operations (S)	CFS	
8:00–9:30	PS200	The Impossible Gallbladder: Is Cholecystectomy Always the Answer?	Hall F	(W) (U)
8:00–9:30	PS201	Perioperative Fluid Management	20A	(W) (U)
8:00–9:30	PS202	Rectal Cancer Centers of Excellence	6D	(W) (U)
8:00–9:30	PS204	What’s New in Health Care-Associated Infections?: Part II	6E	(W) (U)
8:00–9:30	PS205	Pro-Hemostatic Drugs: Is There a Role in Trauma Resuscitation?	7AB	(W) (U)
8:00–9:30	PS207	Inflammatory Bowel Disease: Update on Medical and Surgical Management	20D	(W) (U)
8:00–9:30	SF16	Trauma II	20BC	
8:00–11:15	PS208	Spectacular Cases	6B	
8:30–12:45	DC14	Fundamental Use of Surgical Energy (FUSE): Preparation and Refresher Course (S)	10	
9:00–4:30	SC09	Interventional and Intraoperative Breast Ultrasound for the General Surgeon (S)	15AB	
9:30–5:00	DC15	Minimally Invasive Endocrine Surgery: Is it Worth It? (S)	11A	
9:45–10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture: Battlefield to Bedside: Bringing Precision Medicine to Surgical Care	5AB	(U)

9:45–11:15	PS209	Unusual Abdominal Hernias	Hall F	(W) (U)
9:45–11:15	PS210	Diagnosis and Management of Incidentally Discovered Liver Lesions	1AB	(W) (U)
9:45–11:15	PS211	Lung, Liver, and Kidney: Latest in Ex-Vivo Perfusion for Solid Organ Transplantation	6E	(W) (U)
9:45–11:15	PS212	Repair, Ligate, Shunt, or Bypass: Physiologic and Anatomic Considerations in Vascular Trauma	20D	(W) (U)
9:45–11:15	PS213	Enhanced Recovery After Surgery (ERAS): Colorectal Surgery and Beyond	20A	(W) (U)
9:45–11:15	PS218	Ergonomics for Surgeons: Preventing Work-Related Injuries	6D	(W) (U)
9:45–11:15	SF20	e-Poster Rounds III	6A	
9:45–11:15	VE09	Hepatobiliary Surgery I	33ABC	
11:30–12:30	ME201	Abdominal Compartment Syndrome (ACS) (S)	25B	
11:30–12:30	ME203	Approaches to Nipple-Sparing Mastectomy (S)	26A	
11:30–12:30	ME205	Choosing the Right Patient for Intraperitoneal Chemotherapy (S)	24C	
11:30–12:30	ME209	Laparoscopic Colectomy: Tips and Tricks (S)	28C	
11:30–12:30	ME210	Making Thyroid Surgery Simple (S)	28A	
11:30–12:30	ME214	Sports Hernia: Is It Real? (S)	25C	
11:30–12:30	SI14	e-Posters of Exceptional Merit (e-POEM)	6A	
11:30–12:30	SL02	50th Anniversary Celebration of <i>Schwartz's Principles of Surgery: First Edition: A Retrospective and Futuristic View</i>	Hall F	(W) (U)
12:45–1:30	NL07	Scudder Oration on Trauma: Trauma: Still the Cornerstone of Acute Care Surgery	Hall F	(U)
12:45–2:15	PS215	Management of Pancreatic Cystic Neoplasms	5AB	(W) (U)
12:45–2:15	PS216	Caring for the Patient with an Inflamed Breast: It's Not Always Cancer	20A	(W) (U)
12:45–2:15	PS217	Crisis Management in the Operating Room	20D	(W) (U)
12:45–2:15	PS219	U.S. Presidents and Their Surgical Care	6B	(W) (U)
12:45–2:15	PS220	When Does a Vascular Surgeon Call a General Surgeon?	33ABC	(W) (U)
12:45–2:15	SF22	Bariatric/Foregut I	6D	
12:45–2:15	SF24	General Surgery II	20BC	
12:45–4:00	VE15	General Surgery II—Hernia	MMSD Marina Ballroom DE	
2:30–3:30	NL08	Olga M. Jonasson Lecture: A Quiet Pioneer Who Started a Revolution	20BC	
2:30–3:30	VE12	Icons in Surgery I	33ABC	
2:30–4:00	PS222	Optimal Abdominal Wall Reconstruction: Part I	Hall F	(W) (U)
2:30–4:00	PS225	Colitis for Acute Care Surgeon: Infectious, Ischemic, and Inflammatory	20D	(W) (U)
2:30–4:00	PS226	Evolving Concepts in the <i>Eighth Edition American Joint Committee on Cancer (AJCC) Staging Manual</i> Systems: Breast Cancer, Colorectal and Melanoma	3	(W) (U)

2:30–4:00	PS235	Current State of Health Care Disparities in Surgery and Solutions for the Future	5AB	(W) (U)
2:30–4:00	PS236	Controversies in the Surgical Management of Thyroid Cancer	6B	(W) (U)
2:30–4:00	SF29	Critical Care Surgery/Trauma I	1AB	
2:30–4:00	SF30	e-Poster Rounds IV	6A	
2:30–4:00	SF32	Hepatobiliary and Pancreas II	8	
4:15–5:45	PS233	Quality Lessons Learned from Bariatric Surgery	33ABC	(W) (U)
4:15–5:45	SF33	General Surgery III	20A	
4:15–5:45	SF34	Bariatric/Foregut II	5AB	
4:15–5:45	SF36	Transplantation and Tissue Engineering I	32AB	
4:15–5:45	VE18	Endocrine Surgery	MMSD Marina Ballroom DE	
6:30–8:30	VE19	Highlights from ACS Video Library II	MMSD Marina Ballroom DE	
WEDNESDAY, OCTOBER 25			ROOM	
7:00–7:45	TH10	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	1AB	
7:00–7:45	TH12	Fellowship and Beyond: How to Find a Job	6D	
7:00–7:45	TH13	The American College of Surgeons Children's Surgery Verification Quality Improvement Program Update	2	
8:00–5:30	DC16	Surgical Critical Care: Annual Update (S)	8	
8:00–9:30	PS300	Optimal Abdominal Wall Reconstruction: Part II	Hall F	(W) (U)
8:00–9:30	PS301	Management of Stage IV Colorectal Cancer	20A	(W) (U)
8:00–9:30	PS302	Shared Decision Making for Treatment of Uncomplicated Appendicitis	20BC	(W) (U)
8:00–9:30	PS305	Controversies and the Appropriate Incorporation of Emerging Technologies in Multidisciplinary Treatment of Liver and Pancreatic Cancer	7AB	(W) (U)
8:00–9:30	PS336	French Academy of Surgery Exchange Program	1AB	
8:00–9:30	SF40	Surgical Oncology II	30B-E	
8:00–9:30	VE20	Subject-Oriented Symposium III: Alternatives to Nissen/Heller Procedures	2	
8:00–11:15	VE22	General Surgery III—Foregut	33ABC	
8:00–11:15	PS306	Surgical Jeopardy	20D	
8:30–12:45	DC17	Maintenance Of Certification (MOC) Review: Essentials For Surgical Specialties (S)	18	
9:00–4:30	DC18	Surgical Oncology for the Rural and Community Surgeon (S)	11A	
9:00–5:30	SC11	Oncoplastic Breast Surgery for the General Surgeon (S)	CFS	
9:45–11:15	PS307	Challenging Trauma Cases: Here and Abroad	Hall F	
9:45–11:15	PS308	Novel Approaches to the Management of Advanced Pancreatic Cancer	5AB	(W) (U)

9:45–11:15	PS310	Highlights of the 2016 American Association of Endocrine Surgeons (AAES) Parathyroidectomy Guidelines: An Expert Panel Discussion	7AB	
9:45–11:15	SF42	e-Poster Rounds V	6A	
9:45–11:15	SF43	General Surgery IV	6B	
9:45–11:15	SF46	Surgical Oncology III	30B-E	
9:45–11:15	VE23	Subject-Oriented Symposium IV: Abdominal Wall Reconstruction	31BC	
11:30–12:30	ME301	Addressing Chronic Pain following Inguinal Hernia Repair (S)	28A	
11:30–12:30	ME302	Early Postoperative Cholecystectomy Pain (S)	27A	
11:30–12:30	ME304	Evaluation and Management of Pancreatic Cyst (S)	24A	
11:30–12:30	ME305	Evidence-Based Treatment of Incisional Hernia (S)	28C	
11:30–12:30	ME306	Cancer Care Delivery Research and the National Cancer Institute (NCI) Community Oncology Research Program (S)	23A	
11:30–12:30	ME308	Management of Esophageal Perforations and Esophageal Leaks (S)	24B	
11:30–12:30	ME310	Necrotizing Soft-Tissue Infections (S)	24C	
11:30–12:30	ME311	New Targeted Therapies for Thyroid Cancer (S)	25C	
11:30–12:30	ME312	Peritoneal Dialysis Catheters: Tips and Tricks (S)	25A	
11:30–12:30	ME313	The Art and Science of Sacral Nerve Stimulation (S)	23B	
11:30–12:30	ME314	The Difficult Gallbladder: Tricks of the Trade (S)	26A	
11:30–12:30	SL03	Challenging 120 Years of Surgical Convention: The Comparison of Outcomes of Antibiotic Drugs and Appendectomy (CODA) Trial	Hall F	(W) (U)
11:30–12:30	VE25	Icons in Surgery II	33ABC	
12:45–4:00	VE26	Colon and Rectal Surgery I	31BC	
12:45–2:15	PS312	Medical Student Training: From Spectators to Team Players	20BC	(W) (U)
12:45–2:15	PS313	Managing Bariatric Surgical Complications: Role of the Non-Bariatric General Surgeon	20D	(W) (U)
12:45–2:15	PS314	Current Concepts in Wound Healing	Hall F	(W) (U)
12:45–2:15	PS315	Treatment of the Perforated Esophagus	6B	(W) (U)
12:45–2:15	SF49	Trauma III	20A	
12:45–4:00	PS320	The College's International Scholars and Travelers 2017	9	
1:00–5:15	SC12	Ultrasound-Guided Resuscitation for Trauma and Critically Ill Patients (S)	15AB	
4:15–5:45	VE30	Hepatobiliary Surgery II	2	
2:30–4:00	PS321	Optimal Perioperative Anticoagulation	20D	(W) (U)
2:30–4:00	PS322	Gastrointestinal (GI) Robotic Surgery: State of the Art or Hype?	6B	(W) (U)
2:30–4:00	PS323	Melanoma Surgery: What We Need to Know in 2017	20BC	(W) (U)

2:30–4:00	PS325	Precision Medicine in Surgical Oncology: What Every Surgeon Needs to Know	1AB	(W) (U)
2:30–4:00	PS327	Endolumenal Bariatrics: Balloons, Liners, Gadgets Galore!	3	(W) (U)
2:30–4:00	SF51	Breast I	20A	
2:30–4:00	SF53	e-Poster Rounds VI	6A	
2:30–4:00	SF56	Hepatobiliary and Pancreas III	7AB	
4:15–5:45	SF57	Endocrine Surgery I	7AB	
4:15–5:45	PS329	Organ-Preserving Strategies in Rectal Cancer	20A	(W) (U)
4:15–5:45	PS330	I Can't Close the Abdominal Incision... Yet	Hall F	(W) (U)
4:15–5:45	PS333	Clinical Trials: Why and How You Should Incorporate Them into Your Practice	30B-E	(W) (U)
4:15–5:45	PS334	The Disruptive Surgeon: A Costly Situation	20BC	(W) (U)
4:15–5:45	PS335	Team-Based Care: How to Ensure Continuity of Care	6E	(W) (U)
4:15–5:45	SF60	Transplantation and Tissue Engineering II	32AB	
4:15–5:45	VE31	General Surgery IV—Oncology	33ABC	
4:15–5:45	VE32	Video Atlas Showcase—Bariatric Surgery Volume	31BC	

THURSDAY, OCTOBER 26**ROOM**

7:00–7:45	TH15	An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)	5AB	
7:00–7:45	TH17	Managing Your Online Reputation	6B	
8:00–9:30	PS400	Ten Hot Topics in General Surgery	20BC	(W) (U)
8:00–9:30	PS401	Abdominal Emergencies in Patients with Inflammatory Bowel Disease: What's a Surgeon to Do?	6B	(W) (U)
8:00–9:30	PS402	Ten Hot Topics in Surgical Patient Safety	20A	(W) (U)
8:00–9:30	PS403	Regionalization of Care: Is this Good for North America?	7AB	(W) (U)
8:00–9:30	PS407	Postoperative Pain Control: Strategies for Decreasing the Need for Narcotics: Part I	20D	(W) (U)
8:00–9:30	SF61	Breast II	6D	
8:00–9:30	SF63	Critical Care Surgery/Trauma II	30B-E	
8:00–9:30	SF65	Hepatobiliary and Pancreas IV	2	
8:00–9:30	VE33	New Techniques in Robotic Surgery	31BC	
9:45–11:15	PS406	Novel Strategies to Address Surgeon Workforce Shortages	6B	(W) (U)
9:45–11:15	PS408	Surgeons' Methods and Responses to Dealing with the Opioid Epidemic—Part II	7AB	(W) (U)
9:45–11:15	SF67	Bariatric/Foregut III	5AB	
9:45–11:15	SF69	Endocrine Surgery II	6D	
9:45–11:15	SF70	General Surgery V	20A	

GERIATRIC/PALLIATIVE CARE (GER)**SATURDAY, OCTOBER 21****ROOM**

8:30–4:00	DC02	Management of the Complex Older Surgical Patient: Geriatric and Palliative Care (S)	11A	
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MONDAY, OCTOBER 23**ROOM**

1:30–5:45	DC13	Surgical Ethics for the Practicing Surgeon (S)	10	
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TUESDAY, OCTOBER 24			ROOM	
12:45–2:15	SF25	Geriatric and Palliative Care	32AB	
WEDNESDAY, OCTOBER 25			ROOM	
7:00–7:45	TH08	Difficult Dialogues: The Challenges of Caring for Dying Patients	6E	
HEALTH POLICY PRACTICE MANAGEMENT/REIMBURSEMENT/LIABILITY ISSUES (HP)				
SUNDAY, OCTOBER 22			ROOM	
8:30–4:30	DC06	Basic Coding: Fast Track to Payment: Coding, Billing, and Reimbursement for Surgical Services (S)	11A	
MONDAY, OCTOBER 23			ROOM	
9:45–5:45	DC10	Master Coding: General Surgery Current Procedural Terminology (CPT) Coding (S)	8	
2:30–4:00	SF09	Health Services Research I	3	
4:15–5:45	PS130	Improving Quality and Outcomes through Interprofessional Teams	1AB	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
7:00–7:45	TH04	Operating, Teaching, and Research—How Do I Strike the Balance?	5AB	
7:00–7:45	TH06	How to Work Effectively with Your Boss: How to Manage Up	6D	
7:00–7:45	TH07	The Alphabet Soup of the Merit-based Incentive Payment System and How You Can Avoid a Penalty	1AB	
11:30–12:30	ME204	Efficient and Safe Use of Electronic Health Records in the Surgical Practice (S)	24A	
11:30–12:30	ME208	Informatics for Managing Surgical Workflow (S)	23C	
12:45–2:15	SF26	Health Services Research II	9	
2:30–4:00	SF31	Health Services Research III	10	
4:15–5:45	PS234	Money Does Not Grow on Fees!	31BC	(W) (U)
WEDNESDAY, OCTOBER 25			ROOM	
7:00–7:45	TH09	The CMO Position: Surgeons as Leaders	7AB	
7:00–7:45	TH10	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	1AB	
2:30–4:00	SF55	Health Services Research IV	18	
4:15–5:45	SF58	Health Services Research V	1AB	
THURSDAY, OCTOBER 26			ROOM	
7:00–7:45	TH16	Career Changes: What to Anticipate	6D	
7:00–7:45	TH18	Alternative Payment Models: Value-Based Care and Bundle Payment Models	2	
7:00–7:45	TH11	No One Else is Working 36 Hours in a Row: Maintaining Wellness in Work-Life Balance	5AB	
7:00–7:45	TH21	Why Maintenance of Certification (MOC)?	3	
7:00–7:45	TH19	Reducing Malpractice Risk: The Benefits of Early Disclosure, Apology, and Resolution	1AB	
7:00–7:45	TH20	Communication Across the Generations: How to Hire the Best and the Brightest	7AB	
8:00–9:30	SF64	Health Services Research VI	32AB	
9:45–11:15	PS409	Ten Hot Topics in Health Care Reform	31BC	(W) (U)

SURGICAL HUMANITARIAN OUTREACH (HUM)				
SATURDAY, OCTOBER 21			ROOM	
8:30–4:00	DC04	Global Health Competencies for Surgeons: Cognitive and Systems Skills (S)	7AB	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS103	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2017 Volunteerism and Humanitarian Recipients	1AB	(W) (U)
11:30–1:00	SF06	Global Surgery and Humanitarian Outreach I	6D	
1:15–2:15	ME114	Operation Giving Back (S)	25A	
TUESDAY, OCTOBER 24			ROOM	
2:30–4:00	PS235	Current State of Health Care Disparities in Surgery and Solutions for the Future	5AB	(W) (U)
WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:00	NL09	Distinguished Lecture of the International Society of Surgery: Right for the Patient, Right for the Citizen: Professionally Led Changes in Healthcare	5AB	(U)
8:00–9:30	PS304	Global Engagement	6E	(W) (U)
9:45–11:15	SF44	Global Surgery and Humanitarian Outreach II	1AB	
2:30–4:00	SF54	Global Surgery and Humanitarian Outreach III	6E	
INFORMATICS (INFO)				
SUNDAY, OCTOBER 22			ROOM	
9:00–4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (S)	18	
TUESDAY, OCTOBER 24			ROOM	
11:30–12:30	ME204	Efficient and Safe Use of Electronic Health Records in the Surgical Practice (S)	24A	
11:30–12:30	ME208	Informatics for Managing Surgical Workflow (S)	23C	
WEDNESDAY, OCTOBER 25			ROOM	
11:30–12:30	ME307	Integrating New Technology into Practice (S)	23C	
INTERNATIONAL (INT)				
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS107	Bombings: Ballistics Injuries Management and Rehabilitation of the Wounded Warrior	6B	(W) (U)
2:30–5:45	PS124	Latin America Day (Spanish)	6D	
4:15–5:45	PS127	Gastric Cancer: East Meets West (and Everybody in Between)	20A	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
8:00–9:30	PS206	U.S. and International Terrorism: Surgical Response to an Active Shooter in a Health Care Facility	2	(W) (U)
12:45–2:15	VE14	International Video Session	2	
WEDNESDAY, OCTOBER 25			ROOM	
7:00–7:45	TH12	Fellowship and Beyond: How to Find a Job	6D	

7:00–7:45	TH14	Women Surgeons Across the Globe: Individual and Common Challenges	6B	
8:00–9:00	NL09	Distinguished Lecture of the International Society of Surgery: Right for the Patient, Right for the Citizen: Professionally Led Changes in Health Care	5AB	🎧
9:45–11:15	PS307	Challenging Trauma Cases: Here and Abroad	Hall F	
12:45–4:00	PS320	The College's International Scholars and Travelers 2017	9	

NEUROSURGERY (NEU)

MONDAY, OCTOBER 23			ROOM	
2:30–3:30	NL03	Charles G. Drake History of Surgery Lecture: The Shifting Sands of Surgical Education	20BC	🎧
4:15–5:45	PS106	Reconstructing the Body: 3-D, Custom Scaffolds, and Stem Cell Therapy	31BC	🎧 🎧

TUESDAY, OCTOBER 24			ROOM	
8:00–9:30	PS205	Pro-Hemostatic Drugs: Is There a Role in Trauma Resuscitation?	7AB	🎧 🎧
9:45–11:15	VE10	Neurological Surgery	31BC	

WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	SF37	Neurological Surgery	3	
11:30–12:30	ME313	The Art and Science of Sacral Nerve Stimulation (S)	23B	

OBSTETRICS AND GYNECOLOGY (OBG)

MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS102	Pelvic Masses in the Pediatric Patient	3	🎧 🎧
11:30–1:00	PS108	Management of the Axilla in Breast Cancer	20A	🎧 🎧
11:30–1:00	PS113	Multidisciplinary Approach to Vaginal Fistulas	3	🎧 🎧

TUESDAY, OCTOBER 24			ROOM	
9:45–11:15	PS213	Enhanced Recovery After Surgery (ERAS): Colorectal Surgery and Beyond	20A	🎧 🎧
9:45–11:15	VE11	Obstetrics and Gynecology	2	
2:30–4:00	PS224	Neuromodulation in the Functional Pelvis	9	🎧 🎧
2:30–4:00	PS227	Multi-Organ Pelvic Trauma	32AB	🎧 🎧

WEDNESDAY, OCTOBER 25			ROOM	
2:30–4:00	PS328	Options for Becoming a Parent during and after Surgical Training	10	🎧 🎧

SURGICAL ONCOLOGY (ONC)

SUNDAY, OCTOBER 22			ROOM	
8:15–5:30	SC03	Thyroid, Parathyroid, and Neck Ultrasound	15AB	
MONDAY, OCTOBER 23			ROOM	
9:45–5:15	DC09	Breast Cancer: National and International Disparities (S)	7AB	
11:30–1:00	PS108	Management of the Axilla in Breast Cancer	20A	🎧 🎧
1:15–2:15	ME106	Breast Cancer Management 2017 (S)	28C	
1:15–2:15	ME112	Medullary Thyroid Cancer: What You Need to Know (S)	23A	
2:30–4:00	PS120	Children With Carcinomas: Striving for Collaborative Care	9	🎧 🎧

2:30–5:45	PS123	The ACS/CoC National Accreditation Program for Rectal Cancer: How Does It Work and How to Prepare for the Site Survey	30A	🎧 🎧
4:15–5:45	PS127	Gastric Cancer: East Meets West (and Everybody In between)	20A	🎧 🎧

TUESDAY, OCTOBER 24			ROOM	
8:00–9:00	NL05	Herand Abcarian Lecture: The Rationale for and Reality of the New ACS CoC National Accreditation Program for Rectal Cancer	33ABC	🎧
8:00–9:30	PS202	Rectal Cancer Centers of Excellence	6D	🎧 🎧
8:00–9:30	SF15	Surgical Oncology I	32AB	
9:00–4:30	SC09	Interventional and Intraoperative Breast Ultrasound for the General Surgeon (S)	15AB	
9:45–11:15	PS210	Diagnosis and Management of Incidentally Discovered Liver Lesions	1AB	🎧 🎧
11:30–12:30	ME203	Approaches to Nipple-Sparing Mastectomy (S)	26A	
11:30–12:30	ME211	New Concepts in Breast Cancer (S)	28B	
11:30–12:30	ME213	Positioning Your Cancer Program for Cancer Accreditation (S)	27A	
12:45–2:15	PS216	Caring for the Patient with an Inflamed Breast: It's Not Always Cancer	20A	🎧 🎧
2:30–4:00	PS226	Evolving Concepts in the <i>Eighth Edition American Joint Committee on Cancer (AJCC) Staging Manual</i> Systems: Breast Cancer, Colorectal and Melanoma	3	🎧 🎧

WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	PS301	Management of Stage IV Colorectal Cancer	20A	🎧 🎧
8:00–9:30	PS305	Controversies and the Appropriate Incorporation of Emerging Technologies in Multidisciplinary Treatment of Liver and Pancreatic Cancer	7AB	🎧 🎧
8:00–9:30	SF40	Surgical Oncology II	30B-E	
9:00–4:30	DC18	Surgical Oncology for the Rural and Community Surgeon (S)	11A	
9:00–5:30	SC11	Oncoplastic Breast Surgery for the General Surgeon (S)	CFS	
9:45–11:15	PS308	Novel Approaches to the Management of Advanced Pancreatic Cancer	5AB	🎧 🎧
9:45–11:15	SF46	Surgical Oncology III	30B-E	
11:30–12:30	ME306	Cancer Care Delivery Research and the National Cancer Institute (NCI) Community Oncology Research Program (S)	23A	
11:30–12:30	ME309	Management of the Axilla in T1 or T2 Breast Cancer (S)	26B	
11:30–12:30	ME311	New Targeted Therapies for Thyroid Cancer (S)	25C	
12:45–1:45	NL11	Commission on Cancer Oncology Lecture: The Evolving Enigma of Regional Lymph Nodes in Surgical Oncology	5AB	🎧
2:30–4:00	PS323	Melanoma Surgery: What We Need to Know in 2017	20BC	🎧 🎧
2:30–4:00	PS325	Precision Medicine in Surgical Oncology: What Every Surgeon Needs to Know	1AB	🎧 🎧

2:30-4:00	SF51	Breast I	20A	
4:15-5:45	PS333	Clinical Trials: Why and How You Should Incorporate Them into Your Practice	30B-E	(W) (U)
4:15-5:45	SF57	Endocrine Surgery	7AB	
4:15-5:45	VE31	General Surgery IV: Oncology	33ABC	
THURSDAY, OCTOBER 26				ROOM
8:00-9:30	SF61	Breast II	6D	
8:00-9:30	SF62	Colon and Rectal Surgery IV	8	
8:00-9:30	SF66	Surgical Oncology IV	5AB	
8:00-9:30	PS403	Regionalization of Care: Is this Good for North America?	7AB	(W) (U)
9:45-11:15	PS405	Ten Hot Topics in Surgical Oncology	20BC	(W) (U)
9:45-11:15	SF69	Endocrine Surgery II	6D	
OPHTHALMIC SURGERY (OPHTHO)				
MONDAY, OCTOBER 23				ROOM
11:30-1:00	PS115	Avoidance and Management of Complications Associated with Aesthetic and Reconstructive Surgery of the Face	32AB	(W) (U)
ORTHOPAEDIC SURGERY (ORT)				
MONDAY, OCTOBER 23				ROOM
2:30-4:00	VE05	Pancreas Surgery I	MMSD Marina Ballroom DE	
TUESDAY, OCTOBER 24				ROOM
9:45-11:15	SF21	Orthopaedic Surgery	32AB	
OTOLARYNGOLOGY-HEAD AND NECK SURGERY (OTO)				
SUNDAY, OCTOBER 22				ROOM
8:15-5:30	SC03	Thyroid, Parathyroid, and Neck Ultrasound (S)	15AB	
MONDAY, OCTOBER 23				ROOM
9:45-11:15	VE01	Otolaryngology-Head and Neck Surgery	31BC	
11:30-1:00	PS112	Management of Pediatric Neck Masses	1AB	(W) (U)
11:30-1:00	PS115	Avoidance and Management of Complications Associated with Aesthetic and Reconstructive Surgery of the Face	32AB	(W) (U)
1:15-2:15	ME112	Medullary Thyroid Cancer: What You Need to Know (S)	23A	
1:15-2:15	ME113	Minimally Invasive Parathyroidectomy: How I Do It (S)	24C	
2:30-4:00	PS121	Airway Management in the Intensive Care Unit	5AB	(W) (U)
4:15-5:45	PS106	Reconstructing the Body: 3-D, Custom Scaffolds, and Stem Cell Therapy	31BC	(W) (U)
4:15-5:45	PS126	Managing Thyroid Nodules	20BC	(W) (U)
TUESDAY, OCTOBER 24				ROOM
9:30-5:00	DC15	Minimally Invasive Endocrine Surgery: Is It Worth It? (S)	11A	
11:30-12:30	ME207	How to Manage Le Forte Fractures (S)	23A	
11:30-12:30	ME210	Making Thyroid Surgery Simple (S)	28A	
2:30-4:00	PS236	Controversies in the Surgical Management of Thyroid Cancer	6B	(W) (U)

WEDNESDAY, OCTOBER 25				ROOM
9:45-11:15	PS309	Managing Penetrating Neck Trauma	20A	(W) (U)
9:45-11:15	PS310	Highlights of the 2016 American Association of Endocrine Surgeons (AAES) Parathyroidectomy Guidelines: An Expert Panel Discussion	7AB	
11:30-12:30	ME311	New Targeted Therapies for Thyroid Cancer (S)	25C	
PEDIATRIC SURGERY (PED)				
MONDAY, OCTOBER 23				ROOM
9:45-11:15	PS102	Pelvic Masses in the Pediatric Patient	3	(W) (U)
9:45-5:15	SC04	Ultrasound for Pediatric Surgeons (S)	15AB	
1:15-2:15	ME108	Enteral Access for Nutrition (S)	23C	
11:30-1:00	PS112	Management of Pediatric Neck Masses	1AB	(W) (U)
2:30-4:00	PS120	Children With Carcinomas: Striving for Collaborative Care	9	(W) (U)
4:15-5:45	SF12	Pediatric Surgery I	32AB	
TUESDAY, OCTOBER 24				ROOM
11:30-12:30	ME215	Surgical Management of Chest Wall Deformities (S)	24B	
4:15-5:45	SF35	Pediatric Surgery II	6D	
WEDNESDAY, OCTOBER 25				ROOM
7:00-7:45	TH13	The American College of Surgeons Children's Surgery Verification Quality Improvement Program Update	2	
8:00-9:30	SF38	Pediatric Surgery III	32AB	
12:45-4:00	VE27	Pediatric Surgery	2	
PLASTIC AND MAXILLOFACIAL SURGERY (PLA)				
SATURDAY, OCTOBER 21				ROOM
8:00-5:30	SC01	Advanced Skills Training for Rural Surgeons: Laparoscopic Common Bile Duct Exploration and Closure of Complex Soft-Tissue Defects (S)	NMCS-D-MSSC	
MONDAY, OCTOBER 23				ROOM
9:45-5:15	DC09	Breast Cancer: National and International Disparities (S)	7AB	
11:30-1:00	PS115	Avoidance and Management of Complications Associated with Aesthetic and Reconstructive Surgery of the Face	32AB	(W) (U)
2:30-3:30	VE06	Plastic Surgery	31BC	
4:15-5:45	PS106	Reconstructing the Body: 3-D, Custom Scaffolds, and Stem Cell Therapy	31BC	(W) (U)
TUESDAY, OCTOBER 24				ROOM
12:45-2:15	SF27	Plastic and Maxillofacial Surgery I	1AB	
2:30-4:00	PS222	Optimal Abdominal Wall Reconstruction: Part I	Hall F	(W) (U)
WEDNESDAY, OCTOBER 25				ROOM
8:00-9:30	PS300	Optimal Abdominal Wall Reconstruction: Part II	Hall F	(W) (U)
12:45-2:15	PS314	Current Concepts in Wound Healing	Hall F	(W) (U)
2:30-4:00	PS323	Melanoma Surgery: What We Need to Know in 2017	20BC	(W) (U)
4:15-5:45	SF59	Plastic and Maxillofacial Surgery II	6B	

THURSDAY, OCTOBER 26			ROOM	
9:45–11:15	SF71	Plastic and Maxillofacial Surgery III	2	
RESIDENTS/MEDICAL STUDENTS (RES/MED)				
SUNDAY, OCTOBER 22			ROOM	
11:30–6:00	SI01	Medical Student Program Day I	6C/6F	
11:30–3:00	SI22	Focus on Resident and Associate Society (RAS) Leadership Session	1AB	
3:00–5:30	PS002	Resident and Associate Society Symposium: Reframing Surgical Leadership in 2017: Surgeon-Scientist or Surgeon-Advocate?	3	
MONDAY, OCTOBER 23			ROOM	
10:00–4:00	SI05	Surgery Resident Program: Starting Surgical Practice—Essentials for Success	Hall E	
11:30–1:00	PS109	Cholecystectomy: From Lap Chole to Open Common Duct Exploration—All the Tools You Need	Hall F	(W) (U)
1:00–6:00	SI07	Medical Student Program Day II	6E	
2:30–4:00	PS122	Initiates' Program: Celebrating Racial, Ethnic, and Gender Diversity: Where We Are and Where We Need to Be	2	
4:15–5:45	PS131	How to Assess the Operative Skills of Senior Surgery Residents	6B	(W) (U)
5:30–9:00	SI10	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students (S)	HSDB Sapphire AB/EF	
TUESDAY, OCTOBER 24			ROOM	
7:00–7:45	TH03	Residency Redesign: Where Are We Headed?	6B	
7:00–7:45	TH04	Operating, Teaching, and Research—How Do I Strike the Balance?	5AB	
7:00–7:45	TH06	How to Work Effectively with Your Boss: How to Manage Up	6D	
7:00–7:45	TH07	The Alphabet Soup of the Merit-based Incentive Payment System (MIPS) and How You Can Avoid a Penalty	1AB	
8:00–9:00	SI12	2017 Owen H. Wangenstein Scientific Forum Dedication/ Excellence in Research Awards	6A	
8:00–9:30	PS203	Teaching Clinical Decision Making	5AB	(W) (U)
8:00–11:15	PS208	Spectacular Cases	6B	
9:45–11:15	PS214	Improving Outcomes by Enhancing and Teaching Cultural Competency and Addressing Bias	3	(W) (U)
11:30–12:30	SI14	e-Posters of Exceptional Merit (e-POEM)	6A	
1:00–6:00	SI16	Medical Student Program Day III	6E	
WEDNESDAY, OCTOBER 25			ROOM	
7:00–7:45	TH09	The CMO Position: Surgeons as Leaders	7AB	
7:00–7:45	TH12	Fellowship and Beyond: How to Find a Job	6D	
7:00–7:45	TH14	Women Surgeons Across the Globe: Individual and Common Challenges	6B	
8:00–11:15	PS306	Surgical Jeopardy	20D	
12:45–2:15	PS312	Medical Student Training: From Spectators to Team Players	20BC	(W) (U)

12:45–2:15	PS317	Innovative Strategies in Surgical Education	6E	(W) (U)
12:45–2:15	PS318	Future Surgeon Scientists: How Do We Train Them?	32AB	(W) (U)
2:30–4:00	PS324	How to Select the Best Surgical Trainees and Fellows	30B-E	(W) (U)
THURSDAY, OCTOBER 26			ROOM	
7:00–7:45	TH16	Career Changes: What to Anticipate	6D	
7:00–7:45	TH17	Managing Your Online Reputation	6B	
9:45–11:15	PS406	Novel Strategies to Address Surgeon Workforce Shortages	6B	(W) (U)
RURAL SURGERY (RUS)				
SATURDAY, OCTOBER 21			ROOM	
8:00–3:30	DC01	Emergency General Surgery: Annual Update (S)	10	
8:00–5:30	SC01	Advanced Skills Training for Rural Surgeons: Laparoscopic Common Bile Duct Exploration and Closure of Complex Soft-Tissue Defects (S)	NMCSD-MSSC	
8:30–4:00	DC02	Management of the Complex Older Surgical Patient: Geriatric and Palliative Care (S)	11A	
SUNDAY, OCTOBER 22			ROOM	
9:30–5:00	DC08	Management of Anorectal Disease (S)	10	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS100	Inguinal Hernia Repair—Laparoscopic or Robotic: Does It Matter?	20A	(W) (U)
11:30–1:00	PS109	Cholecystectomy: From Lap Chole to Open Common Duct Exploration—All the Tools You Need	Hall F	(W) (U)
1:00–5:15	SC06	Advanced Colonoscopy: Polypectomy and Beyond (S)	18 16AB	
1:15–2:15	ME105	Be Your Own Boss: Tips for Starting Your Own Surgical Practice—Urban and Rural (S)	23B	
2:30–4:00	PS116	The Computed Tomography (CT) Scan Reading Says "Bowel Obstruction": Must I Operate?	20A	(W) (U)
4:15–5:45	PS125	Contemporary Management of Acute Pancreatitis	Hall F	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
8:00–11:45	SC07A	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair (Lecture only) (S)	8	
8:00–5:00	SC07B	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab) (S)	8 16AB	
8:00–9:30	PS200	The Impossible Gallbladder: Is Cholecystectomy Always the Answer?	Hall F	(W) (U)
9:45–11:15	PS209	Unusual Abdominal Hernias	Hall F	(W) (U)
9:45–11:15	PS218	Ergonomics for Surgeons: Preventing Work-Related Injuries	6D	(W) (U)
12:45–2:15	PS220	When Does a Vascular Surgeon Call a General Surgeon?	33ABC	(W) (U)

2:30-4:00	PS226	Evolving Concepts in the <i>Eighth Edition American Joint Committee on Cancer (AJCC) Staging Manual</i> Systems: Breast Cancer, Colorectal and Melanoma	3	(W) (U)
4:15-5:45	SI17	Rural Surgeons Open Forum and Oweida Scholarship Presentation	9	
WEDNESDAY, OCTOBER 25			ROOM	
8:00-5:30	DC16	Surgical Critical Care: Annual Update (S)	8	
8:00-9:30	PS303	Management of Acute and Chronic Pleural Disease	6D	(W) (U)
9:00-4:30	DC18	Surgical Oncology for the Rural and Community Surgeon (S)	11A	
12:45-2:15	PS313	Managing Bariatric Surgical Complications: Role of the Non-Bariatric General Surgeon	20D	(W) (U)
4:15-5:45	PS330	I Can't Close the Abdominal Incision... Yet	Hall F	(W) (U)
4:15-5:45	PS332	Training Surgeons for Rural Practice	20D	(W) (U)
THURSDAY, OCTOBER 26			ROOM	
7:00-7:45	TH16	Career Changes: What to Anticipate	6D	
8:00-9:30	PS403	Regionalization of Care: Is This Good for North America?	7AB	(W) (U)
8:00-9:30	PS407	Postoperative Pain Control: Strategies for Decreasing the Need for Narcotics: Part I	20D	(W) (U)
9:45-11:15	PS406	Novel Strategies to Address Surgeon Workforce Shortages	6B	(W) (U)
9:45-11:15	PS408	Surgeons' Methods and Responses to Dealing with the Opioid Epidemic—Part II	7AB	(W) (U)
TRAUMA/CRITICAL CARE (TRA)				
SATURDAY, OCTOBER 21			ROOM	
8:00-3:30	DC01	Emergency General Surgery: Annual Update (S)	10	
SUNDAY, OCTOBER 22			ROOM	
7:00-4:30	PS001	Excelsior Surgical Society: Achieving Surgical Readiness: Where Are We Now and Where Are We Going?	MGH Grand Hall C	
8:00-3:30	DC05	Annual Update on Trauma Care (S)	7AB	
MONDAY, OCTOBER 23			ROOM	
9:45-11:15	PS101	Controversies in the Management of Complicated Diverticulitis	Hall F	(W) (U)
9:45-11:15	PS107	Bombings: Ballistics Injuries Management and Rehabilitation of the Wounded Warrior	6B	(W) (U)
11:30-1:00	PS110	Advanced Methods to Manage Acute Lung Injury and Hemodynamics	5AB	(W) (U)
11:30-1:00	PS114	Nutrition: Overfeeding, Underfeeding, and No Feeding	6B	(W) (U)
11:30-1:00	SF05	Trauma I	20D	
1:15-2:15	ME108	Enteral Access for Nutrition (S)	23C	
1:15-2:15	ME109	Fixation of Rib Fractures (S)	26B	
1:15-2:15	ME111	Genitourinary Trauma (S)	27A	
1:15-2:15	ME115	The Role of Damage Control in Emergency Surgery (S)	26A	

2:30-4:00	PS116	The Computed Tomography (CT) Scan Reading Says "Bowel Obstruction": Must I Operate?	20A	(W) (U)
2:30-4:00	PS119	Getting the Sickest Patients Ready When They Need to Go to the Operating Room	6B	(W) (U)
2:30-4:00	PS121	Airway Management in the Intensive Care Unit	5AB	(W) (U)
2:30-4:00	PS132	Intimate Partner Violence: An Unspoken Epidemic	31A	(W) (U)
4:15-5:45	PS125	Contemporary Management of Acute Pancreatitis	Hall F	(W) (U)
4:15-5:45	PS130	Improving Quality and Outcomes through Interprofessional Teams	1AB	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
8:00-9:30	PS200	The Impossible Gallbladder: Is Cholecystectomy Always the Answer?	Hall F	(W) (U)
8:00-9:30	PS201	Perioperative Fluid Management	20A	(W) (U)
8:00-9:30	PS203	Teaching Clinical Decision Making	5AB	(W) (U)
8:00-9:30	PS204	What's New in Health Care-Associated Infections?: Part II	6E	(W) (U)
8:00-9:30	PS205	Pro-Hemostatic Drugs: Is There a Role in Trauma Resuscitation?	7AB	(W) (U)
8:00-9:30	PS206	U.S. and International Terrorism: Surgical Response to an Active Shooter in a Health Care Facility	2	(W) (U)
8:00-9:30	SF16	Trauma II	20BC	
9:45-11:15	PS212	Repair, Ligate, Shunt, or Bypass: Physiologic and Anatomic Considerations in Vascular Trauma	20D	(W) (U)
11:30-12:30	ME207	How to Manage Le Forte Fractures (S)	23A	
12:45-1:30	NL07	Scudder Oration on Trauma: Trauma: Still the Cornerstone of Acute Care Surgery	Hall F	(U)
12:45-2:15	PS217	Crisis Management in the Operating Room	20D	(W) (U)
1:00-5:15	SC10	Basic Endovascular Skills for Trauma (BEST™) Workshop (S)	18 17AB	
2:30-4:00	PS222	Optimal Abdominal Wall Reconstruction: Part I	Hall F	(W) (U)
2:30-4:00	PS223	A Night on Call in the Intensive Care Unit (ICU)	20A	(W) (U)
2:30-4:00	PS225	Colitis for Acute Care Surgeon: Infectious, Ischemic, and Inflammatory	20D	(W) (U)
2:30-4:00	PS227	Multi-Organ Pelvic Trauma	32AB	(W) (U)
2:30-4:00	SF29	Critical Care Surgery/Trauma I	1AB	
4:15-5:45	PS232	The Management of Penetrating Injury to the Neck: A Multidisciplinary Approach	20BC	(W) (U)
WEDNESDAY, OCTOBER 25			ROOM	
7:00-7:45	TH11	No One Else Is Working 36 Hours in a Row: Maintaining Wellness Through Work-Life Balance	5AB	
8:00-3:30	DC16	Surgical Critical Care: Annual Update (S)	8	
8:00-9:30	PS300	Optimal Abdominal Wall Reconstruction: Part II	Hall F	(W) (U)

8:00–9:30	PS302	Shared Decision Making for Treatment of Uncomplicated Appendicitis	20BC	(W) (U)
8:00–9:30	PS303	Management of Acute and Chronic Pleural Disease	6D	(W) (U)
9:45–11:15	PS307	Challenging Trauma Cases: Here and Abroad	Hall F	
9:45–11:15	PS309	Managing Penetrating Neck Trauma	20A	(W) (U)
11:30–12:30	ME303	Complex Abdominal Trauma (S)	28B	
1:00–5:15	SC12	Ultrasound-Guided Resuscitation for Trauma and Critically Ill Patients (S)	15AB	
12:45–2:15	PS313	Managing Bariatric Surgical Complications: Role of the Non-Bariatric General Surgeon	20D	(W) (U)
12:45–2:15	PS314	Current Concepts in Wound Healing	Hall F	(W) (U)
12:45–2:15	PS315	Treatment of the Perforated Esophagus	6B	(W) (U)
12:45–2:15	SF49	Trauma III	20A	
12:45–4:00	VE28	Surgical Cases in Trauma	33ABC	
2:30–4:00	PS321	Optimal Perioperative Anticoagulation	20D	(W) (U)
2:30–4:00	PS326	Sepsis Update 2017	Hall F	(W) (U)
4:15–5:45	PS330	I Can't Close the Abdominal Incision... Yet	Hall F	(W)
4:15–5:45	PS335	Team-Based Care: How to Ensure Continuity of Care	6E	(W) (U)
THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	PS401	Abdominal Emergencies in Patients with Inflammatory Bowel Disease: What's a Surgeon to Do?	6B	(W) (U)
8:00–9:30	PS402	Ten Hot Topics in Surgical Patient Safety	20A	(W) (U)
8:00–9:30	PS407	Postoperative Pain Control: Strategies for Decreasing the Need for Narcotics: Part I	20D	(W) (U)
8:00–9:30	SF63	Critical Care Surgery/Trauma II	30B-E	
9:45–11:15	PS408	Surgeons' Methods and Responses to Dealing with the Opioid Epidemic—Part II	7AB	(W) (U)
UROLOGY (URO)				
MONDAY, OCTOBER 23			ROOM	
9:00–9:30	NL01	Martin Memorial Lecture: Personal Best: Reflections of a Physician Astronaut on Leadership and Teamwork	Hall F	(U)
9:45–11:15	SF03	Urological Surgery I	9	
11:30–1:00	PS113	Multidisciplinary Approach to Vaginal Fistulas	3	(W) (U)
1:15–2:15	ME111	Genitourinary Trauma (S)	27A	
2:30–4:00	PS118	Intraoperative Abdominal Complications and Challenges	Hall F	(W) (U)
2:30–4:00	SF50	Urological Surgery II	32AB	

TUESDAY, OCTOBER 24			ROOM	
11:30–12:30	ME212	Pediatric Urology (S)	23B	
2:30–4:00	PS227	Multi-Organ Pelvic Trauma	32AB	(W) (U)
WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	VE21	Urological Surgery	31BC	
4:15–5:45	PS331	The Next Generation of Prostate Cancer Screening and Diagnosis	6D	(W) (U)
VASCULAR SURGERY (VAS)				
MONDAY, OCTOBER 23			ROOM	
11:30–1:00	SF07	Vascular Surgery I	6E	
2:30–4:00	SF10	Vascular Surgery II	1AB	
4:15–5:45	PS129	How Do We Manage the Acutely Ischemic Leg in 2017?	9	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
8:00–9:30	SF17	Vascular Surgery III	31BC	
9:45–11:15	PS212	Repair, Ligate, Shunt, or Bypass: Physiologic and Anatomic Considerations in Vascular Trauma	20D	(W) (U)
12:45–2:15	PS220	When Does a Vascular Surgeon Call a General Surgeon?	33ABC	(W) (U)
1:00–5:15	SC10	Basic Endovascular Skills for Trauma (BEST™) Workshop (S)	18 17AB	
4:15–5:45	PS232	The Management of Penetrating Injury to the Neck: A Multidisciplinary Approach	20BC	(W) (U)
WEDNESDAY, OCTOBER 25			ROOM	
9:45–11:15	VE24	Vascular Surgery	2	
11:30–12:30	ME309	Management of the Axilla in T1 or T2 Breast Cancer (S)	26B	
THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	PS404	Office Treatment of Venous Disease	1AB	(W) (U)
9:45–11:15	SF72	Vascular Surgery IV	20D	

Credit to Address Regulatory Mandates

KEY TO SESSION/COURSE CODES

DC	Didactic/Experiential Course
ME	Meet-the-Expert Session
NL	Named Lecture
PS	Panel Session
SC	Surgical Skills Course
SF	Scientific Forum
SI	Special Interest Session
TH	Town Hall Meeting
VE	Video-Based Session

LOCATION ABBREVIATIONS

CFS	Center for the Future of Surgery
MGH	Manchester Grand Hyatt
HSDB	Hilton San Diego Bayfront
MMSD	Marriott Marquis San Diego
NMCSD-MSSC	NMCSD Medical and Surgical Simulation Center

- DC, ME, and SC Courses are Ticketed Sessions
- Webcast session (Webcast package available for purchase)
- Audio session (Audio available for purchase)

CULTURAL COMPETENCE/DIVERSITY (CC)

SATURDAY, OCTOBER 21			ROOM	
8:30-4:00	DC04	Global Health Competencies for Surgeons: Cognitive and Systems Skills	7AB	
MONDAY, OCTOBER 23			ROOM	
11:30-1:00	SF06	Global Surgery/Humanitarian Outreach I	6D	
1:15-2:15	ME114	Operation Giving Back	25A	
2:30-4:00	PS122	Initiates' Program: Celebrating Racial, Ethnic, and Gender Diversity: Where We Are and Where We Need To Be	2	
4:15-5:45	PS128	Assuring Diversity in the Surgical Workforce	2	
TUESDAY, OCTOBER 24			ROOM	
9:45-11:15	PS214	Improving Outcomes by Enhancing and Teaching Cultural Competency and Addressing Bias	3	
2:30-4:00	PS235	Current State of Health Care Disparities in Surgery and Solutions for the Future	5AB	
WEDNESDAY, OCTOBER 25			ROOM	
8:00-9:30	PS304	Global Engagement	6E	
9:45-11:15	SF44	Global Surgery/Humanitarian Outreach II	1AB	
12:45-4:00	PS320	The College's International Scholars and Travelers 2017	9	
2:30-4:00	SF54	Global Surgery/Humanitarian Outreach III	6E	
END-OF-LIFE CARE (EOL)				
MONDAY, OCTOBER 23			ROOM	
1:30-5:45	DC13	Surgical Ethics for the Practicing Surgeon	10	
TUESDAY, OCTOBER 24			ROOM	
12:45-2:15	SF25	Geriatric and Palliative Care	32AB	

ETHICS (E)

MONDAY, OCTOBER 23			ROOM	
11:30-1:00	SF05	Trauma I	20D	
1:15-2:15	ME110	From Risk Calculators to Decision Aids: Revolutionizing Surgical Decision Making	25C	
1:30-5:45	DC13	Surgical Ethics for the Practicing Surgeon	10	
TUESDAY, OCTOBER 24			ROOM	
12:45-2:15	SF23	Ethics	3	
2:30-4:00	PS228	Ethics Colloquium: Ethical Challenges of Global Surgery	14AB	
WEDNESDAY, OCTOBER 25			ROOM	
9:45-10:45	NL10	John J. Conley Ethics and Philosophy Lecture: Empowerment Failure: How Physician Communication Breakdowns Undermine Patient Autonomy	20BC	
11:30-12:30	ME307	Integrating New Technology into Practice	23C	
12:45-2:15	PS316	A View from Both Sides of the Table: The Surgeon as Patient	6D	
4:15-5:45	PS333	Clinical Trials: Why and How You Should Incorporate Them into Your Practice	30B-E	
PAIN MANAGEMENT (PM)				
WEDNESDAY, OCTOBER 25			ROOM	
11:30-12:30	ME301	Addressing Chronic Pain following Inguinal Hernia Repair	28A	
THURSDAY, OCTOBER 26			ROOM	
8:00-9:30	PS407	Postoperative Pain Control: Strategies for Decreasing the Need for Narcotics: Part I	20D	
9:45-11:15	PS408	Surgeons' Methods and Responses to Dealing with the Opioid Epidemic—Part II	7AB	

PALLIATIVE CARE (PA)				
SATURDAY, OCTOBER 21			ROOM	
8:30–4:00	DC02	Management of the Complex Older Surgical Patient: Geriatric and Palliative Care (S)	11A	
MONDAY, OCTOBER 23			ROOM	
1:30–5:45	DC13	Surgical Ethics for the Practicing Surgeon (S)	10	
TUESDAY, OCTOBER 24			ROOM	
12:45–2:15	SF25	Geriatric and Palliative Care	32AB	
PATIENT SAFETY (PS)				
SUNDAY, OCTOBER 22			ROOM	
9:00–4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (S)	18	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS105	Antibiotic Stewardship: The Key to Avoiding the Loss of Effective Antibiotics in Surgery: Part I	6D	(W) (U)
11:30–1:00	PS115	Avoidance and Management of Complications Associated with Aesthetic and Reconstructive Surgery of the Face	32AB	(W) (U)
1:00–5:15	DC12	Achieving Success in Critical Situations: Safety and Teamwork in the Operating Room (S)	11A	
1:15–2:15	ME110	From Risk Calculators to Decision Aids: Revolutionizing Surgical Decision Making (S)	25C	
2:30–4:00	PS118	Intraoperative Abdominal Complications and Challenges	Hall F	(W) (U)
2:30–4:00	PS119	Getting the Sickest Patients Ready When They Need to Go to the Operating Room	6B	(W) (U)
2:30–4:00	PS121	Airway Management in the Intensive Care Unit	5AB	(W) (U)
4:15–5:45	PS130	Improving Quality and Outcomes through Interprofessional Teams	1AB	(W) (U)
4:15–5:45	PS131	How to Assess the Operative Skills of Senior Surgery Residents	6B	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
8:00–9:30	PS203	Teaching Clinical Decision Making	5AB	(W) (U)
8:00–5:30	SC08	Advanced Robotic Surgery for Specialized Gastrointestinal Operations (S)	CFS	
8:30–12:45	DC14	Fundamental Use of Surgical Energy (FUSE): Preparation and Refresher Course (S)	10	
9:30–5:00	DC15	Minimally Invasive Endocrine Surgery: Is It Worth It? (S)	11A	
12:45–2:15	PS217	Crisis Management in the Operating Room	20D	(W) (U)
4:15–5:45	PS233	Quality Lessons Learned from Bariatric Surgery	33ABC	(W) (U)

WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	PS305	Controversies and the Appropriate Incorporation of Emerging Technologies in Multidisciplinary Treatment of Liver and Pancreatic Cancer	7AB	(W) (U)
9:45–11:15	PS311	Augmented Reality: Advances in Intraoperative Visualization	6D	(W) (U)
11:30–12:30	ME307	Integrating New Technology into Practice (S)	23C	
4:15–5:45	PS334	The Disruptive Surgeon: A Costly Situation	20BC	(W) (U)
4:15–5:45	PS335	Team-Based Care: How to Ensure Continuity of Care	6E	(W) (U)
THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	PS400	Ten Hot Topics in General Surgery	20BC	(W) (U)
8:00–9:30	PS402	Ten Hot Topics in Surgical Patient Safety	20A	(W) (U)
8:00–9:30	VE33	New Techniques in Robotic Surgery	31BC	
RISK MANAGEMENT (RM)				
SUNDAY, OCTOBER 22			ROOM	
9:00–4:30	DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care (S)	18	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS105	Antibiotic Stewardship: The Key to Avoiding the Loss of Effective Antibiotics in Surgery: Part I	6D	(W) (U)
11:30–1:00	PS115	Avoidance and Management of Complications Associated with Aesthetic and Reconstructive Surgery of the Face	32AB	(W) (U)
1:00–5:15	DC12	Achieving Success in Critical Situations: Safety and Teamwork in the Operating Room (S)	11A	
1:15–2:15	ME110	From Risk Calculators to Decision Aids: Revolutionizing Surgical Decision Making (S)	25C	
4:15–5:45	PS130	Improving Quality and Outcomes through Interprofessional Teams	1AB	(W) (U)
4:15–5:45	PS131	How to Assess the Operative Skills of Senior Surgery Residents	6B	(W) (U)
TUESDAY, OCTOBER 24			ROOM	
8:00–5:30	SC08	Advanced Robotic Surgery for Specialized Gastrointestinal Operations (S)	CFS	
9:30–5:00	DC15	Minimally Invasive Endocrine Surgery: Is It Worth It? (S)	11A	
12:45–2:15	PS217	Crisis Management in the Operating Room	20D	(W) (U)

Credit to Address ACS Accreditation/Verification Requirements

KEY TO SESSION/COURSE CODES

DC	Didactic/Experiential Course
ME	Meet-the-Expert Session
NL	Named Lecture
PS	Panel Session
SC	Surgical Skills Course
SF	Scientific Forum
SI	Special Interest Session
TH	Town Hall Meeting
VE	Video-Based Session

LOCATION ABBREVIATIONS

CFS	Center for the Future of Surgery
MGH	Manchester Grand Hyatt
HSDB	Hilton San Diego Bayfront
MMSD	Marriott Marquis San Diego
NMCS-D-MSSC	NMCS-D Medical and Surgical Simulation Center

- Ⓢ DC, ME, and SC Courses are Ticketed Sessions
- Ⓦ Webcast session (Webcast package available for purchase)
- 🔊 Audio session (Audio available for purchase)

BARIATRIC SURGERY (MBS)				
MONDAY, OCTOBER 23			ROOM	
9:45–1:00	VE02	Bariatric Surgery	2	
1:15–2:15	ME104	Bariatric Surgery for the General Surgeon Ⓢ	24B	
TUESDAY, OCTOBER 24			ROOM	
12:45–2:15	SF22	Bariatric/Foregut I	6D	
4:15–5:45	PS233	Quality Lessons Learned from Bariatric Surgery	33ABC	Ⓦ 🔊
4:15–5:45	SF34	Bariatric/Foregut II	5AB	
WEDNESDAY, OCTOBER 25			ROOM	
12:45–2:15	PS313	Managing Bariatric Surgical Complications: Role of the Non-Bariatric General Surgeon	20D	Ⓦ 🔊
2:30–4:00	PS327	Endolumenal Bariatrics: Balloons, Liners, Gadgets Galore!	3	Ⓦ 🔊
4:15–5:45	VE32	Video Atlas Showcase – Bariatric Surgery Volume	31BC	
THURSDAY, OCTOBER 26			ROOM	
9:45–11:15	SF67	Bariatric/Foregut III	5AB	
BREAST (BST)				
MONDAY, OCTOBER 23			ROOM	
9:45–5:15	DC09	Breast Cancer: National and International Disparities Ⓢ	7AB	
11:30–1:00	PS108	Management of the Axilla in Breast Cancer	20A	Ⓦ 🔊
1:15–2:15	ME106	Breast Cancer Management 2017 Ⓢ	28C	
TUESDAY, OCTOBER 24			ROOM	
9:00–4:30	SC09	Interventional and Intraoperative Breast Ultrasound for the General Surgeon Ⓢ	15AB	
11:30–12:30	ME211	New Concepts in Breast Cancer Ⓢ	28B	
12:45–2:15	PS216	Caring for the Patient with an Inflamed Breast: It's Not Always Cancer	20A	Ⓦ 🔊

2:30–4:00	PS226	Evolving Concepts in the <i>Eighth Edition American Joint Committee on Cancer (AJCC) Staging Manual</i> : Breast Cancer, Colorectal and Melanoma	3	Ⓦ 🔊
4:15–5:45	PS231	ACS Operative Standards for Cancer Surgery	2	Ⓦ 🔊
WEDNESDAY, OCTOBER 25			ROOM	
9:00–5:30	SC11	Oncoplastic Breast Surgery for the General Surgeon Ⓢ	CFS	
11:30–12:30	ME309	Management of the Axilla in T1 or T2 Breast Cancer Ⓢ	26B	
2:30–4:00	SF51	Breast I	20A	
THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	SF61	Breast II	6D	
CANCER (C)				
SUNDAY, OCTOBER 22			ROOM	
8:15–5:30	SC03	Thyroid, Parathyroid, and Neck Ultrasound Ⓢ	15AB	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS102	Pelvic Masses in the Pediatric Patient	3	
9:45–5:15	DC09	Breast Cancer: National and International Disparities Ⓢ	7AB	
11:30–1:00	PS108	Management of the Axilla in Breast Cancer	20A	Ⓦ 🔊
11:30–1:00	PS112	Management of Pediatric Neck Masses	1AB	Ⓦ 🔊
1:15–2:15	ME106	Breast Cancer Management 2017 Ⓢ	28C	
1:15–2:15	ME112	Medullary Thyroid Cancer: What You Need to Know Ⓢ	23A	
2:30–4:00	PS117	GERD to Cancer: What's the Best Intervention?	20D	Ⓦ 🔊
2:30–4:00	PS120	Children With Carcinomas: Striving for Collaborative Care	9	Ⓦ 🔊
4:15–5:45	PS126	Managing Thyroid Nodules	20BC	Ⓦ 🔊
4:15–5:45	PS127	Gastric Cancer: East Meets West (and Everybody in Between)	20A	Ⓦ 🔊

TUESDAY, OCTOBER 24			ROOM	
8:00–9:30	SF15	Surgical Oncology I	32AB	
9:00–4:30	SC09	Interventional and Intraoperative Breast Ultrasound for the General Surgeon (S)	15AB	
9:45–11:15	PS210	Diagnosis and Management of Incidentally Discovered Liver Lesions	1AB	(W) (U)
11:30–12:30	ME203	Approaches to Nipple-Sparing Mastectomy (S)	26A	
11:30–12:30	ME205	Choosing the Right Patient for Intraperitoneal Chemotherapy (S)	24C	
11:30–12:30	ME211	New Concepts in Breast Cancer (S)	28B	
12:45–2:15	PS215	Management of Pancreatic Cystic Neoplasms	5AB	(W) (U)
12:45–2:15	PS216	Caring for the Patient with an Inflamed Breast: It's Not Always Cancer	20A	(W) (U)
2:30–4:00	PS226	Evolving Concepts in the <i>Eighth Edition American Joint Committee on Cancer (AJCC) Staging Manual</i> Systems: Breast Cancer, Colorectal and Melanoma	3	(W) (U)
2:30–4:00	PS236	Controversies in the Surgical Management of Thyroid Cancer	6B	(W) (U)
4:15–5:45	PS231	ACS Operative Standards for Cancer Surgery	2	(W) (U)
WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	PS301	Management of Stage IV Colorectal Cancer	20A	(W) (U)
8:00–9:30	PS305	Controversies and the Appropriate Incorporation of Emerging Technologies in Multidisciplinary Treatment of Liver and Pancreatic Cancer	7AB	(W) (U)
8:00–9:30	SF40	Surgical Oncology II	30B-E	
9:00–4:30	DC18	Surgical Oncology for the Rural and Community Surgeon (S)	11A	
9:00–5:30	SC11	Oncoplastic Breast Surgery for the General Surgeon (S)	CFS	
9:45–11:15	PS308	Novel Approaches to the Management of Advanced Pancreatic Cancer	5AB	(W) (U)
9:45–11:15	SF46	Surgical Oncology III	30B-E	
11:30–12:30	ME309	Management of the Axilla in T1 or T2 Breast Cancer (S)	26B	
2:30–4:00	PS323	Melanoma Surgery: What We Need to Know in 2017	20BC	(W) (U)
2:30–4:00	PS325	Precision Medicine in Surgical Oncology: What Every Surgeon Needs to Know	1AB	(W) (U)
4:15–5:45	PS329	Organ Preserving Strategies in Rectal Cancer	20A	(W) (U)
4:15–5:45	PS331	The Next Generation of Prostate Cancer Screening and Diagnosis	6D	(W) (U)
4:15–5:45	PS333	Clinical Trials: Why and How You Should Incorporate Them into Your Practice	30B-E	(W) (U)

THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	SF66	Surgical Oncology IV	5AB	
9:45–11:15	PS405	Ten Hot Topics in Surgical Oncology	20BC	(W) (U)
PEDIATRIC SURGERY (PDS)				
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS102	Pelvic Masses in the Pediatric Patient	3	(W) (U)
9:45–5:15	SC04	Ultrasound for Pediatric Surgeons (S)	15AB	
11:30–1:00	PS112	Management of Pediatric Neck Masses	1AB	(W) (U)
1:15–2:15	ME108	Enteral Access for Nutrition (S)	23C	
2:30–4:00	PS120	Children With Carcinomas: Striving for Collaborative Care	9	(W) (U)
4:15–5:45	SF12	Pediatric Surgery I	32AB	
TUESDAY, OCTOBER 24			ROOM	
11:30–12:30	ME212	Pediatric Urology (S)	23B	
4:15–5:45	SF35	Pediatric Surgery II	6D	
WEDNESDAY, OCTOBER 25			ROOM	
8:00–9:30	SF38	Pediatric Surgery III	32AB	
12:45–4:00	VE27	Pediatric Surgery	2	
PEDIATRIC TRAUMA (PT)				
MONDAY, OCTOBER 23			ROOM	
1:15–2:15	ME108	Enteral Access for Nutrition (S)	23C	
TUESDAY, OCTOBER 24			ROOM	
11:30–12:30	ME212	Pediatric Urology (S)	23B	
TRAUMA (T)				
SATURDAY, OCTOBER 21			ROOM	
8:00–3:30	DC01	Emergency General Surgery: Annual Update (S)	10	
SUNDAY, OCTOBER 22			ROOM	
7:00–4:30	PS001	Excelsior Surgical Society: Achieving Surgical Readiness: Where Are We Now and Where Are We Going?	MGH Grand Hall C	
8:00–3:30	DC05	Annual Update on Trauma Care (S)	7AB	
MONDAY, OCTOBER 23			ROOM	
9:45–11:15	PS107	Bombings: Ballistics Injuries Management and Rehabilitation of the Wounded Warrior	6B	(W) (U)
11:30–1:00	PS110	Advanced Methods to Manage Acute Lung Injury and Hemodynamics	5AB	(W) (U)
11:30–1:00	PS114	Nutrition: Overfeeding, Underfeeding, and No Feeding	6B	(W) (U)
11:30–1:00	SF05	Trauma I	20D	
1:15–2:15	ME108	Enteral Access for Nutrition (S)	23C	
1:15–2:15	ME109	Fixation of Rib Fractures (S)	26B	
1:15–2:15	ME111	Genitourinary Trauma (S)	27A	
1:15–2:15	ME115	The Role of Damage Control in Emergency Surgery (S)	26A	
2:30–4:00	PS121	Airway Management in the Intensive Care Unit	5AB	(W) (U)

TUESDAY, OCTOBER 24			ROOM	
8:00–9:30	PS205	Pro-Hemostatic Drugs: Is There a Role in Trauma Resuscitation?	7AB	W
8:00–9:30	PS206	U.S. and International Terrorism: Surgical Response to an Active Shooter in a Health Care Facility	2	W
8:00–9:30	SF16	Trauma II	20BC	
9:45–11:15	PS212	Repair, Ligate, Shunt, or Bypass: Physiologic and Anatomic Considerations in Vascular Trauma	20D	W
11:30–12:30	ME201	Abdominal Compartment Syndrome (ACS) (\$)	25B	
11:30–12:30	ME207	How to Manage Le Forte Fractures (\$)	23A	
12:45–1:30	NL07	Scudder Oration on Trauma: Trauma: Still the Cornerstone of Acute Care Surgery	Hall F	
1:00–5:15	SC10	Basic Endovascular Skills for Trauma (BEST™) Workshop (\$)	18 17AB	
2:30–4:00	PS223	A Night on Call in the Intensive Care Unit (ICU)	20A	W
2:30–4:00	PS227	Multi-Organ Pelvic Trauma	32AB	W
2:30–4:00	SF29	Critical Care Surgery/Trauma I	1AB	
4:15–5:45	PS230	Challenging Emergency Surgery Cases: Lessons from the Experts	Hall F	W
4:15–5:45	PS232	The Management of Penetrating Injury to the Neck: A Multidisciplinary Approach	20BC	W
WEDNESDAY, OCTOBER 25			ROOM	
9:45–11:15	PS307	Challenging Trauma Cases: Here and Abroad	Hall F	
9:45–11:15	PS309	Managing Penetrating Neck Trauma	20A	W
11:30–12:30	ME302	Early Postoperative Cholecystectomy Pain (\$)	27A	
11:30–12:30	ME303	Complex Abdominal Trauma (\$)	28B	
11:30–12:30	ME310	Necrotizing Soft-Tissue Infections (\$)	24C	
12:45–2:15	SF49	Trauma III	20A	
12:45–4:00	VE28	Surgical Cases in Trauma	33ABC	
1:00–5:15	SC12	Ultrasound-Guided Resuscitation for Trauma and Critically Ill Patients (\$)	15AB	
2:30–4:00	PS326	Sepsis Update 2017	Hall F	W
THURSDAY, OCTOBER 26			ROOM	
8:00–9:30	SF63	Critical Care Surgery/Trauma II	30B-E	

Special Interest Sessions

CME credit not available for these sessions.

Sunday, October 22

Focus on RAS-ACS Leadership Session

11:30 am-3:00 pm

LOCATION: San Diego Convention Center, 1AB, 2

The Resident and Associate Society of the American College of Surgeons (RAS-ACS) is devoted to the needs and concerns of trainees and young surgeons in practice. Join the RAS leadership team for a dynamic program of leadership topics including a new skills competition for trainees. Presentations and discussions will include lessons on leadership from the ACS President Courtney M. Townsend, Jr., MD, FACS and RAS Chair, Nicolas J. Mouawad, MD, MPH, MBA; information on how to get involved in RAS and opportunities for leadership positions within the College; and a case-based, interactive session focused on addressing challenging situations in leadership. The program will conclude with a skills competition that will mimic common surgical situations to test both the skills and teamwork of surgical trainees. Join us for this exciting session to learn about how you can become a more effective surgical leader.

Medical Student Program Day I

11:30 am-6:00 pm

LOCATION: San Diego Convention Center, 6C/6F

The Division of Education invites students from all four years of medical school to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to American College of Surgeons (ACS) Medical Student members who register in advance. Non-members will be charged a nominal registration fee.

Topics throughout the program include exploring various lifestyle issues in surgery, decision making on the path to residency, navigating the residency application process, and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing techniques in interactive sessions with surgeons, as well as network with specialty surgeons, residency program directors, surgical residents, and others.

Special features of Sunday's program include an informal discussion on lifestyle issues in surgery followed by a presentation by Michael F. Rotondo, MD, FACS, titled Let's Do the "Failure" Talk. Later in the day, there will be a networking event with surgeon representatives from different surgical specialties and various practice settings. Residency program administrators will also be on hand to answer "nuts and bolts" types of questions for aspiring residents.

Also incorporated in this program is the Medical Student Program Poster Session, during which 48 medical students will present their research in one of three categories: clinical research; outcomes, innovation, or educational research; or basic science research. Surgeon and resident volunteers will critique these presentations. First and second place winners in each category will be formally recognized during Tuesday's program.

Students enrolled in U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact Katrina McKenzie at kmckenzie@facs.org or at 312-202-5404. On site, contact the Division of Education Office at the headquarters hotel, or the Division of Education Booth at ACS Central at the San Diego Convention Center. You may also visit our website at www.facs.org/clincon2017/events/special/medical-student.

SPEAKER: Michael F. Rotondo, MD, FACS, Rochester, NY

Sponsored by the Committee on Medical Student Education

Commission on Cancer Annual Meeting

3:00-5:00 pm

LOCATION: Manchester Grand Hyatt, Grand Hall A

The Commission on Cancer (CoC) encourages all Fellows and other Clinical Congress registrants to attend the CoC Annual Meeting, Sunday, October 22, from 3:00-5:00 pm.

Plan to join more than 300 surgeons, visiting oncologists, and other health care professionals at this annual event chaired by Lawrence N. Shulman, MD, FACP, CoC Chair.

The CoC Annual Meeting will feature:

- Keynote speaker:
Mark A. Peterson, PhD
Chair, Department of Public Policy
Professor of Public Policy, Political Science, and Law
University of California, Los Angeles, Luskin School of Public Affairs
- Presentation by the 2017 Commission on Cancer Paper Competition Winner
- CoC update
- CoC elections
- Recognition of outgoing CoC members

At the conclusion of the CoC Annual Meeting all attendees are invited to the CoC reception.

Resident and Associate Society Symposium

Reframing Surgical Leadership in 2017: Surgeon-Scientist or Surgeon-Advocate?

3:30-5:00 pm

LOCATION: San Diego Convention Center, 3

During this session, young and experienced surgeons will debate such issues as: What should surgical leadership look like in the 21st century? Should we strive for a seat at the table of business, policy, and politics? Or should we strengthen our commitment to direct patient care, surgical

education, and research? These questions will be featured and debated at the 2017 RAS-ACS Symposium on Sunday, October 22, 2017, from 3:30 to 5:30 pm at the San Diego Convention Center.

Topic details:

A changing regulatory and social environment has led to diminished individual surgeon autonomy in the operating room and in patient care. Historically, the surgeon was the "Captain of the Ship" inside and outside the operating room. In 2017, the surgeon is one of the many members of a health care team, often with quite limited autonomy. In the current environment of ever increasing focus on quality, safety, and outcomes, every aspect of surgical care is scrutinized—from our training models, to our patient care practices, to our operating room attire. While surgeons welcome changes that improve patient outcomes, many are troubled by the increasing regulatory and administrative burdens leading to further loss of autonomy. How can surgeons preserve their role as leaders in patient care? Some in our community advocate for increased surgeon involvement in the world of health care policy and politics, business, and regulation. Other surgeons want to refresh the traditional roles of service, education, and innovative research.

The Convocation

6:00-8:00 pm

LOCATION: San Diego Convention Center, Hall F, Ground Level

The Convocation ceremony confers Fellowship upon those surgeons who have successfully met American College of Surgeons (ACS) requirements to provide optimal care to the surgical patient. The ceremony also includes the following: an invocation; a response on behalf of the new Fellows; induction of new Honorary Fellows; presentation of the Distinguished Service Award, the Surgical Forum Award, and the Women in Surgery Committee's Mary Edwards Walker Inspiring Women in Surgery Award; installation of the ACS Officers; and the Presidential Address.

The first Convocation ceremony took place November 13, 1913, at the Congress Hotel in Chicago, IL. The inaugural class of 1,059 surgeons hailed from the U.S. and Canada and included six women surgeons.

All Initiates must register for Clinical Congress if they plan to participate in the Convocation. All Initiates will be granted Fellowship in the College during the ceremony regardless of their attendance at the event and may begin using the FACS designation upon the conclusion of the ceremony.

Monday, October 23

The Opening Ceremony

8:00-9:00 am

LOCATION: San Diego Convention Center, Hall F, Ground Level

PRESIDENT PRESIDING: Barbara L. Bass, MD, FACS, *Houston, TX*

The Colors and Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year.

The President introduces ACS Honorary Fellows, the Recipient of the Distinguished Philanthropist Award, the College's Officers and Regents, Past-Presidents, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipients, and the International Guest Scholars. An annual overview of the College will be reported by David B. Hoyt, MD, FACS, ACS Executive Director. The Martin Memorial Lecture, sponsored by the American Urological Association, follows immediately from 9:00-9:30 am.

Surgical History Group Poster Session

9:00 am-4:30 pm

LOCATION: San Diego Convention Center, Hall C

The Surgical History Group Poster Session will highlight the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display beginning Monday, October 23, through the end of Clinical Congress. The winning poster and runner-up will be announced at the ACS Surgical History Group Breakfast Tuesday morning.

Surgery Resident Program: Starting Surgical Practice: Essentials for Success

10:00 am-4:00 pm

LOCATION: San Diego Convention Center, Hall E

Surgery residents from all postgraduate year levels are invited by the Division of Education to participate in a special program designed to assist surgical residents with essential nonclinical issues they face during residency and fellowship training and the transitional period to their post-training career. The program is free to ACS Resident members who register in advance. Nonmembers will be charged a reduced registration fee.

Featured topics will include personal financial planning and debt management, job-seeking strategies, contracts and negotiation skills, and reduction of liability risks. Additionally, interactive sessions will be offered in which residents may explore different types of practice settings and other topics. Speakers will include leaders from surgery, and an expert in physician career development.

Opening Remarks

Leigh A. Neumayer MD, MS, FACS, *Tucson, AZ*, Course Director
Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*, Director, ACS Division of Education
Celia M. Divino, MD, FACS, *New York, NY*, Chair, Committee on Resident Education

Physician Jobs and Contracts: Selecting and Negotiating for Your Best Career Move and Peace of Mind
Roger G. Bonds, MBA, FMSD, CMSR, *Atlanta, GA*

Lunch

Networking and Roundtable Discussions

Building Your Financial Future: They Never Taught Me That in Residency
Craig J. Baker, MD, FACS, University of Southern California, *Los Angeles, CA*

Message from ACS Leadership

Barbara L. Bass, MD, FACS, ACS President, *Houston, TX*

Emotional Intelligence and Its Importance to Your Success
Bruce L. Gewertz, MD, FACS
Cedars-Sinai Health System, *Los Angeles, CA*

Surgical Practice-Key Lessons Learned Along the Way
Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), FRCS(Hon),
FRCSEd(Hon), University of Washington Medicine, *Seattle, WA*

For additional information, contact the Division of Education Office at the Manchester Grand Hyatt or the Division of Education booth at ACS Central in the San Diego Convention Center.

Medical Student Program Day II

1:00-6:00 pm

LOCATION: San Diego Convention Center, 6E

The Division of Education invites students from all four years of medical school to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics throughout the program include exploring various lifestyle issues in surgery, decision making on the path to residency, navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing skills in interactive sessions with surgeons as well as network with specialty surgeons, residency program directors, surgical residents, and others.

Special features of Monday's program will include an informal discussion on resiliency, touching on topics such as surgical error, patient death, and the importance of self-care, entitled Behind the Mask and Beyond the Blade: What We Don't Talk About. This will be followed by a surgical history presentation by David V. Feliciano, MD, FACS, titled Nobel Prize Winners Who Were Trained as Surgeons. Also featured will be a resident panel discussing decision making on the path to residency and beyond, and roundtable sessions for students to learn and practice knot tying and suturing, discuss elements of an effective personal statement, and learn more about the residency application process.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact Katrina McKenzie at kmckenzie@facs.org or call 312-202-5404. On site, contact the Division of Education Office at the headquarters hotel, or the Division of Education Booth at ACS Central at the San Diego Convention Center. You may also visit our website at www.facs.org/clincon2017/events/special/medical-student.

SPEAKER:

David V. Feliciano, MD, FACS, *Indianapolis, IN*

Sponsored by the Committee on Medical Student Education

Chapter Speed Networking

3:00-5:00 pm

LOCATION: Marriott Marquis San Diego Ballroom A

Are you interested in getting more involved in the activities of your local ACS chapter? If so, come join the Governors of the Chapter Activities Domestic and International Workgroups, current and past chapter leaders, and ACS administrators, for a fun, fast-paced educational and social event where you will have the opportunity to learn more about the ACS chapters in a relaxed and open setting.

Chapter Speed Networking is an opportunity to accelerate your Clinical Congress learning experience through short, concise discussions on topics important to both domestic and international chapters such as membership recruitment, engagement of YFA and RAS members, advocacy, and chapter business practices. This event is also a way to build lasting connections with colleagues and members of other ACS chapters from all corners of the world.

Assorted beverages and appetizers will be available during the Chapter Speed Networking event.

Hosted by the Governors Chapter Activities Domestic and International Workgroups

Young Fellows Association Program

4:00-5:45 pm

LOCATION: San Diego Convention Center, 28DE

The Young Fellows Association (YFA) welcomes the new Initiates and Fellows who are 45 years old or younger, or those "young at heart," to its annual YFA Program. The YFA Program includes an overview of the association's activities by the current Chair Jacob Broghammer, MD, FACS, and Vice-Chair Adnan Alseidi, MD, FACS; a roundtable discussion; and updates from the YFA Workgroups. The program ends with a networking reception that provides the opportunity for new Initiates and young Fellows to interact with incoming ACS President Barbara L. Bass, MD, FACS, and YFA leadership.

Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students

5:30-9:00 pm

LOCATION: Hilton San Diego Bayfront, Sapphire AB/EF

COURSE DIRECTORS:

Jennifer Walker, MD, UMass Memorial Medical Center, *Worcester, MA*

Rishindra M. Reddy, MD, University of Michigan, *Ann Arbor, MI*

Thomas E. MacGillivray, MD, DeBakey Heart and Vascular Center, *Houston, TX*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic surgeons today, and provide information about upcoming new technologies and integrated cardiothoracic surgery training programs. The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures. Participants will experience, and have the opportunity to perform, these surgical procedures using synthetic and

tissue-based simulation models. The program will be taught by cardiothoracic surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (Buffet dinner provided at 5:30 pm).

Welcome and Introduction

Jennifer Walker, MD, Worcester, MA

Rishindra M. Reddy, MD, Ann Arbor, MI

Update to the Traditional and Integrated Cardiothoracic Surgery Program

Rishindra M. Reddy, MD, Ann Arbor, MI

A Day in the Life of a Cardiac Surgeon

Jennifer Walker, MD, Worcester, MA

A Day in the Life of a Thoracic Surgeon

Anthony W. Kim, MD, Los Angeles, CA

Wet Lab Orientation and Station Assignments

Cardiac Stations

Aortic Valve Replacement

Thomas E. MacGillivray, MD, DeBakey Heart and Vascular Center, Houston, TX

Kristen Sell-Dottin, MD, University of North Carolina at Chapel Hill, Durham, NC

Vessel Suturing

James I. Fann, MD, Stanford University, Stanford, CA

Off-Pump Coronary Artery Bypass (OPCAB)

Jennifer Walker, MD, UMass Memorial Medical Center, Massachusetts, MA

Mitral Valve Repair

Walter H. Merrill, MD, Vanderbilt University, Nashville, TN

Thoracic Stations

Video-Assisted Thoracic Surgery (VATS) Lobectomy

Steven C. Yang, MD, Johns Hopkins School of Medicine, Baltimore, MD

Esophageal Anastomosis

Anthony W. Kim, MD, Keck Medical Center of USC, Los Angeles, CA

Chest Wall Reconstruction/Rib Fixation

Daniel L. Miller, MD, WellStar Health System, Marietta, GA

Tuesday, October 24

Surgical History Group Breakfast

7:00-8:00 am

LOCATION: San Diego Convention Center, 6C/6F

Join your colleagues who share an interest in surgical history at the ACS Surgical History Group Breakfast. This year's guest lecturer will be David L. Nahrwold, MD, FACS, who will speak on the history of the *Bulletin of the American College of Surgeons*. This breakfast will provide an opportunity for you to share stories and discuss where surgery has been and how best to preserve it into the future.

2017 Owen H. Wangensteen Scientific Forum Dedication/Excellence in Research Awards

8:00-9:00 am



LOCATION: San Diego Convention Center, 6A

The Owen H. Wangensteen Scientific Forum Committee will dedicate the abstract supplement to ACS Board of Governors Chair Diana L. Farmer, MD, FACS, FRCS. Elizabeth C. Wick, MD, FACS, will provide introductory remarks with comments by Dr. Farmer immediately following. After the dedication Mary T. Hawn, MD, FACS, Scientific Forum Committee Chair, will distribute the Excellence in Research Awards. Surgery residents and their mentors are invited to attend the dedication and awards distribution.

Surgical History Group Poster Session

9:00 am-4:30 pm

LOCATION: San Diego Convention Center, Hall C

The Surgical History Group Poster Session will highlight the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display Monday, October 23, through the end of Clinical Congress. The winning poster and runner-up will be announced at the ACS Surgical History Group Breakfast Tuesday morning.

Owen H. Wangensteen Scientific Forum e-Posters of Exceptional Merit

11:30 am-12:30 pm

LOCATION: San Diego Convention Center, 6A

More than 350 e-Posters will be on display at the Clinical Congress, but only a select few will be designated e-Posters of Exceptional Merit. Scientific Forum Committee Chair, Mary T. Hawn, MD, FACS, will facilitate a lunchtime discussion of the Posters of Exceptional Merit. Authors will present their distinguished work and answer questions before the award presentation for the Best Scientific e-Poster and Best International Scientific e-Poster.

Sponsored by the Owen H. Wangensteen Scientific Forum Committee

RAS-Focused Committee Integration Session

12:00 noon-4:00 pm

LOCATION: San Diego Convention Center, 30A

This session is aimed at Resident Members of the ACS who are interested in getting more involved in the Resident and Associate Society of the American College of Surgeons (RAS-ACS). Each of the four standing RAS-ACS Committees will meet for one hour during the session to present their plans for the year and hold elections for leadership positions. Please join us!

RAS Standing Committees:

- Advocacy and Issues
- Communications
- Education
- Membership

Medical Student Program Day III

1:00-6:00 pm

LOCATION: San Diego Convention Center, 6E

The Division of Education invites students from all four years of medical school to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or select portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics throughout the program include exploring various lifestyle issues in surgery, decision making on the path to residency, navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing skills in interactive sessions with surgeons as well as network with specialty surgeons, residency program directors, surgical residents, and others.

Tuesday's program will include a presentation by the Chair of the ACS Board of Regents, Michael J. Zinner, MD, FACS. This will be followed by a presentation by Ajit K. Sachdeva, MD, FACS, FRCSC, Director of the ACS Division of Education. After the presentations, students will learn the critical elements of the residency interview from an in-depth panel discussion, and will then practice their interviewing skills during an interactive session with surgeons. They will then have the opportunity to informally network with residency program directors.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact Katrina McKenzie at kmckenzie@facs.org or at 312-202-5404. Onsite, contact the Division of Education Office at the headquarters hotel, or the Division of Education Booth at ACS Central at the San Diego Convention Center. You may also visit our website at www.facs.org/clincon2017/events/special/medical-student.

SPEAKERS:

Michael J. Zinner, MD, FACS, Miami, FL

Ajit K. Sachdeva, MD, FACS, FRCSC, Chicago, IL

Sponsored by the Committee on Medical Student Education

YFA Speed Mentoring Program

4:00-5:00 pm

LOCATION: San Diego Convention Center, Hall E

The Young Fellows Association (YFA) invites Resident Members and Associate Fellows of the College to engage as mentees at the third annual YFA Speed Mentoring Program to be held on Tuesday, October 24, at Clinical Congress 2017 in San Diego, CA.

Each of the 100 young surgeon mentors are expected to meet with up to six mentees during a fast-paced hour-long event to discuss focused mentoring topics identified by the mentee. This event is co-sponsored by the YFA and Resident and Associate Society.

For additional information, contact Alison Powers at 312-202-5363 or yfellows@facs.org.

Rural Surgeons Open Forum and Oweida Scholarship Presentation

4:15-5:15 pm

LOCATION: San Diego Convention Center, 9

The session opens with the introduction of the 2017 Nizar N. Oweida Scholarship recipients, Lindsay J. Fox, MD, of Mount Shasta, CA; Nicholas J. Kitowski, MD, FACS, of Black River Falls, WI; and Brian J. Santin, MD, FACS, of Wilmington, OH.

The Advisory Council for Rural Surgery (ACRS) sponsors this session to facilitate direct communication with rural surgeons and the ACRS. Following a brief description of the current projects of the ACRS, an open forum with all in attendance will take place. This forum will focus on recruitment efforts, call relief strategies, and how to get the resources you need to provide optimal care to your patients. The ACRS encourages you to bring your concerns to the forum. The ACRS is committed to be your vehicle to make change, to be your voice to ACS leadership, and to make the ACS even more relevant to your practice. We are committed to helping you provide optimal surgical care to patients in your community.

Sponsored by the Advisory Council for Rural Surgery

Surgical Palliative Care Academic Symposium

6:00-8:00 pm

LOCATION: Marriott Marquis San Diego, Marina Ballroom G

The Division of Education invites attendees to the third annual Surgical Palliative Care Academic Symposium, during which eight presenters will briefly discuss current research related to education, quality improvement, outcomes research, qualitative studies, and ongoing works-in-progress. An opportunity for lively discussion of this community's rich and varied academic work will follow.

Sponsored by Committee on Surgical Palliative Care

Wednesday, October 25

Surgical History Group Poster Session

9:00 am-4:30 pm

LOCATION: San Diego Convention Center, Hall C

The Surgical History Group Poster Session will highlight the rich history of surgery. Posters will be presented by Fellows, residents, and medical students. These posters will be on display Monday, October 23, through the end of Clinical Congress. The winning poster and runner-up are announced during the ACS Surgical History Group Breakfast Tuesday morning.

Annual Business Meeting of Members

4:15-5:15 pm

LOCATION: San Diego Convention Center, 5AB, Upper Level

PRESIDENT PRESIDING: Barbara L. Bass, MD, FACS, *Houston, TX*

Annual status reports are presented by the Chair of the Board of Regents, the Chair of the Board of Governors, the Executive Director, the Chair of the ACS Foundation Board of Directors, and the Chair of the ACSPA-SurgeonsPAC Board. Presentation of the Resident Award for Exemplary Teaching, the Jameson L. Chassin Award for Professionalism in General Surgery, and the Joan L. and Julius H. Jacobson II Promising Investigator Award will also take place. Reports from the Nominating Committee of the Board of Governors and the Nominating Committee of the Fellows will also be presented and the President-Elect will be introduced.

Report of the Chair of the Board of Regents

Michael J. Zinner, MD, FACS, *Miami, FL*

Report of the Chair of the Board of Governors

Diana L. Farmer, MD, FACS, FRCS, *Sacramento, CA*

Report of the Executive Director of the College

David B. Hoyt, MD, FACS, *Chicago, IL*

Report of the Chair of the Board of Directors of the ACS Foundation

Mary H. McGrath, MD, FACS, *San Francisco, CA*

Report of the Chair of the Board of Directors of the ACSPA-SurgeonsPAC

Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

Presentation of the Resident Award for Exemplary Teaching
The President

Presentation of the Jameson L. Chassin Award for Professionalism in General Surgery
The President

Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award
The President

Recipient: Matthew D. Neal, MD, FACS, *Pittsburgh, PA*

Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents; and the Election of Officers of the Board of Governors

Jamal J. Hoballah, MD, FACS, *Beirut, Lebanon*

Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons

Danny R. Robinette, MD, FACS, *Fairbanks, AK*

New business

Adjournment

NAMED LECTURES

Monday, October 23

NL01 | 9:00-9:30 am Martin Memorial Lecture: Personal Best: Reflections of a Physician Astronaut on Leadership and Teamwork

LOCATION: Hall F

TRACK(S): GEN, URO

PRESIDING OFFICER: Barbara L. Bass,
MD, FACS, Houston, TXINTRODUCER: Anthony Atala, MD, FACS,
Winston-Salem, NC

LECTURER: David R. Williams, MD, FRCS, Oakville, ON

The Martin Memorial Lecture and the American Urological Association Lecture (AUA) have been combined for presentation immediately following the Opening Ceremony of the Clinical Congress. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College and his wife, Isabelle Hollister Martin.

Sponsored by the American Urological Association and alternately nominated by the Advisory Council for Urological Surgery and the ACS Honors Committee



David R. Williams

NL02 | 9:45-10:45 am John H. Gibbon, Jr., Lecture: Lung Transplantation

LOCATION: 20BC

TRACK(S): CTS

PRESIDING OFFICER AND INTRODUCER:
David T. Cooke, MD, FACS, Sacramento, CALECTURER: Shaf Keshavjee, MD, MSc,
FACS, FRCS, Toronto, ON

Established in 1971 to honor this pioneer in open-heart surgery.

Sponsored by the Advisory Council for Cardiothoracic Surgery



Shaf Keshavjee

NL03 | 2:30-3:30 pm Charles G. Drake History of Surgery Lecture: The Shifting Sands of Surgical Education

LOCATION: 20BC

TRACK(S): NEU

PRESIDING OFFICER AND INTRODUCER:
William C. Welch, MD, FACS, Philadelphia, PA

LECTURER: John R. Potts, MD, FACS, Chicago, IL

Established by the Advisory Council for Neurological Surgery in 1992 to explore the historical development of surgery and to honor this leader in neurological surgery.

Sponsored by the Advisory Council for Neurological Surgery



John R. Potts

NL04 | 4:15-5:00 pm I.S. Ravdin Lecture in the Basic and Surgical Sciences: Microbiome Medicine: This Changes Everything

LOCATION: 5AB

TRACK(S): BTR, GEN

PRESIDING OFFICER AND INTRODUCER:
Douglas J. E. Schuerer, MD, FACS,
St. Louis, MO

LECTURER: John C. Alverdy, MD, FACS, Chicago, IL

Sponsored by the I.S. Ravdin Surgical Society in 1964 to honor Dr. Ravdin by promoting knowledge in basic sciences with application to surgery.

Sponsored by the I.S. Ravdin Surgical Society



John C. Alverdy

Tuesday, October 24

NL05 | 8:00-9:00 am Herand Abcarian Lecture: The Rationale for and Reality of the New ACS Commission on Cancer National Accreditation Program for Rectal Cancer

LOCATION: 33ABC

TRACK(S): CRS, ONC

PRESIDING OFFICER AND INTRODUCER:
Neil H. Hyman, MD, FACS, Chicago, ILLECTURER: Steven D. Wexner, MD, FACS, PhD(Hon), FRCS,
FRCSed, Weston, FL

Established by the Chicago Society of Colon and Rectal Surgery in 2006 to honor Herand Abcarian, a colon and rectal surgeon, and to address issues of relevance to the surgical community at-large and focus on emerging issues in surgery.

Sponsored by the Advisory Council for Colon and Rectal Surgery



Steven D. Wexner

NL06 | 9:45-10:45 am
**Excelsior Surgical Society/
 Edward D. Churchill Lecture:
 Battlefield to Bedside:
 Bringing Precision Medicine
 to Surgical Care**



Eric A. Elster

LOCATION: 5AB

TRACK(S): GEN

PRESIDING OFFICER AND INTRODUCER:
 M. Timothy Nelson, MD, FACS,
Albuquerque, NM

LECTURER: CAPT Eric A. Elster, MD, FACS, *Bethesda, MD*

This lecture is named for the Excelsior Surgical Society, a group of 80 medical officers who met for the first time in 1945 at the Excelsior Hotel, Rome, Italy. This lecture also honors COL Edward D. Churchill, a famous surgeon and consultant to the U.S. Army in the World War II Italian Theatre, who presented the first keynote address at the meeting.

Sponsored by the Advisory Council for General Surgery

NL07 | 12:45-1:30 pm
**Scudder Oration on Trauma:
 Trauma: Still the Cornerstone
 of Acute Care Surgery**



L.D. Britt

LOCATION: Hall F

TRACK(S): TRA

PRESIDING OFFICER AND INTRODUCER:
 Ronald M. Stewart, MD, FACS,
San Antonio, TX

LECTURER: L.D. Britt, MD, MPH,
 DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon),
 FWACS(Hon), FRCSEd(Hon), FCS(SA)(Hon), FRCSEd(Hon),
Norfolk, VA

Honoring Charles Locke Scudder, a founding member of the College, and a major contributor to the surgery of trauma.

Sponsored by the Committee on Trauma

NL08 | 2:30-3:30 pm
**Olga M. Jonasson Lecture:
 A Quiet Pioneer Who Started
 a Revolution**



Kathryn D. Anderson

LOCATION: 20BC

TRACK(S): GEN

PRESIDING OFFICER AND INTRODUCER:
 Rosemary A. Kozar, MD, PhD, FACS,
Baltimore, MD

LECTURER: Kathryn D. Anderson, MD,
 FACS, *Corona, CA*

Established by the Women in Surgery Committee to honor the memory of Olga M. Jonasson, MD, FACS, who passed away in August 2006. This lectureship is a testimony to leadership and education in surgery and a reflection of the capacity of women to reach academic pinnacles.

Sponsored by the Women in Surgery Committee

Wednesday, October 25

NL09 | 8:00-9:00 am
**Distinguished Lecture of the
 International Society of Surgery:
 Right for the Patient, Right for
 the Citizen: Professionally Led
 Changes in Health Care**



Clare Marx

LOCATION: 5AB

TRACK(S): HUM, INT

PRESIDING OFFICER AND INTRODUCER:
 Kathleen M. Casey, MD, FACS,
Newport, RI

LECTURER: Clare Marx, CBE, DL, PRCS, *London, U.K.*

Established in 1990 and endowed by the U.S. Chapter of the International Society of Surgery to recognize the society's worthwhile activities by honoring distinguished international surgeons.

Sponsored by the U.S. Chapter of the International Society of Surgery

NL10 | 9:45-10:45 am
**John J. Conley Ethics and
 Philosophy Lecture:
 Empowerment Failure: How
 Physician Communication
 Breakdowns Undermine Patient
 Autonomy**



Peter A. Ubel

LOCATION: 20BC

TRACK(S): ETH

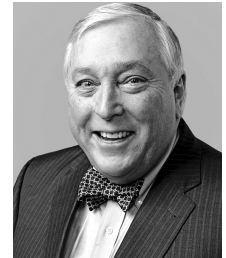
PRESIDING OFFICER AND INTRODUCER:
 Henri R. Ford, MD, MHA, FACS, FAAP, *Los Angeles, CA*

LECTURER: Peter A. Ubel, MD, *Durham, NC*

Sponsored by the Committee on Ethics and generously supported since 1991 by John J. Conley, MD, FACS, New York, NY, to explore ethical issues in surgery. Dr. Conley died in 1999, but his legacy continues and his memory is honored at this annual lecture.

Sponsored by the Committee on Ethics

NL11 | 12:45-1:45 pm
**Commission on Cancer
 Oncology Lecture: The Evolving
 Enigma of Regional Lymph
 Nodes in Surgical Oncology**



Daniel G. Coit

LOCATION: 5AB

TRACK(S): ONC

PRESIDING OFFICER AND INTRODUCER:
 David P. Winchester, MD, FACS,
Chicago, IL

LECTURER: Daniel G. Coit, MD, FACS, *New York, NY*

Established in 1988 to explore major developments in oncology and to focus on the surgeon's role in caring for cancer patients.

Sponsored by the Commission on Cancer

POSTGRADUATE COURSES

Postgraduate Courses and Fees

Postgraduate Courses include Didactic/Experiential (DC) and Surgical Skills Courses (SC). Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited and ticket requests will be filled on a first-come, first-processed basis. All Postgraduate Courses require a ticket for admission. Tickets for some of the Postgraduate Courses also may be purchased on site, subject to availability and any applicable course prerequisite requirements. Tickets may be exchanged for an alternate course before the start of the course and based on availability. **No refunds for Postgraduate Courses will be accepted after October 2, 2017.**

Description of Fee Categories

Fellow: A surgeon who is a Fellow of the American College of Surgeons (ACS)

Non-Fellow: A practicing physician who is not currently a member of the ACS

RAS: Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

Non-RAS: A physician in training or member of the surgical team who is currently in an accredited training program or working in a surgical-related setting but has no affiliation with the College

ACS System for Verification of Knowledge and Skills

The American College of Surgeons (ACS) Board of Regents has approved a five-level model for verification and documentation of knowledge and skills by the Division of Education, following participation in the educational programs of the College. This model provides a framework for designing and implementing educational courses based on principles of contemporary surgical education and permits a provision of appropriate documentation to the attendees. The courses offered at Clinical Congress have been assigned verification levels of I, II, or III, based on the requirements for each level.

Level	Verification of	Requirement(s)
Level I	Attendance	Affirmation of attendance/course ticket; and course evaluation
Level II	Satisfactory completion of course objectives	Use of pre- and posttest* and course evaluation
Level III	Knowledge and skills	Formal assessment through pre- and posttest* and skills report card; and course evaluation
Level IV	Preceptor experience	Not available at Clinical Congress
Level V	Satisfactory patient outcomes	Not available at Clinical Congress

* A passing score of 75 percent or higher is required on the posttest.

All Postgraduate Courses with a designated verification level of II and III have a Self-Assessment component toward Maintenance of Certification (MOC) Part 2. All requirements of these Postgraduate Courses must be completed in order to receive *AMA PRA Category 1 Credit(s)*TM and count for Self-Assessment Credit toward Part 2 of the MOC Program.

Verification of completion of all requirements for Postgraduate Courses will be completed following the conclusion of Clinical Congress. Please allow up to six weeks for notification to claim certificates.

Index to Postgraduate Courses

Admission to any Postgraduate Course is by ticket only (see page 4). Subject to availability, tickets may be purchased on site for selected courses at the registration area at the San Diego Convention Center.

DC: Didactic/Experiential Courses

SC: Surgical Skills Courses

DC01	Emergency General Surgery Review: Annual Update	40
DC02	Management of the Complex Older Surgical Patient: Geriatric and Palliative Care	40
DC03	Surgical Education: Principles and Practice ..	41
DC04	Global Health Competencies for Surgeons: Cognitive and Systems Skills	41
DC05	Annual Update on Trauma Care	42
DC06	Basic Coding: Fast Track to Payment: Coding, Billing, and Reimbursement for Surgical Services	42
DC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	43
DC08	Management of Anorectal Disease	43
DC09	Breast Cancer: National and International Disparities.	44
DC10	Master Coding: General Surgery Current Procedural Terminology (CPT) Coding	45
DC11	General Surgery Review Course (Day 1 and 2)	45
DC12	Achieving Success in Critical Situations: Safety and Teamwork in the Operating Room.	46
DC13	Surgical Ethics for the Practicing Surgeon ...	47
DC14	Fundamental Use of Surgical Energy (FUSE): Preparation and Refresher Course	47
DC15	Minimally Invasive Endocrine Surgery: Is It Worth It?	48
DC16	Surgical Critical Care: Annual Update	49
DC17	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties ...	49
DC18	Surgical Oncology for the Rural and Community Surgeon.	50
DC19	From Normalized Stress to the Precipice of Burnout: Strategies to Retain Joy in the Profession.	50

SC01	Advanced Skills Training for Rural Surgeons: Laparoscopic Common Bile Duct Exploration and Closure of Complex Soft-Tissue Defects.	50
SC02	Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery	51
SC03	Thyroid, Parathyroid, and Neck Ultrasound	52
SC04	Ultrasound for Pediatric Surgeons	53
SC05	Robotic Gastrointestinal Surgery: Program Planning, Approach, and Applications	53
SC06	Advanced Colonoscopy: Polypectomy and Beyond	54
SC07	Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair.	54
SC08	Advanced Robotic Surgery for Specialized Gastrointestinal Operations	55
SC09	Interventional and Intraoperative Breast Ultrasound for the General Surgeon	56
SC10	Basic Endovascular Skills for Trauma (BEST™) Workshop.	56
SC11	Oncoplastic Breast Surgery for the General Surgeon.	57
SC12	Ultrasound-Guided Resuscitation for Trauma and Critically Ill Patients	57

Didactic/Experiential Courses (DC)

DC01 | Emergency General Surgery: Annual Update

TRACK(S): GEN, RUS, TRA

6 credits, Verification Level II

Saturday, October 21; 8:00 am - 3:30 pm

LOCATION: 10

CHAIR: Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

CO-CHAIR: Benjamin M. Braslow, MD, FACS, *Philadelphia, PA*

The current practice of emergency general surgery (EGS) as a component of acute care surgery continues to evolve, and is based on the needs of the patients and the diseases with which they present. In addition, the common EGS diseases which an acute care surgeon commonly sees on call will be reviewed. This course will be divided into three sections: (1) the Emergency General Surgery Program and current developments; (2) review of common EGS diseases and their surgical management; and (3) understand new and developing concepts in EGS.

Session I: Develop an Acute Care/Emergency Surgery Program

Saturday, 8:00-10:00 am

Developing an EGS Program: Essential Clinical Services that Support a Level I EGS Program

Jose J Diaz, MD, FACS, FCCM, *Baltimore, MD*

Understanding and Utilizing the American Association for the Surgery of Trauma (AAST) Emergency General Surgery (EGS) Classification System

Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Bowel Anastomosis in the Hostile Abdomen

Brandon R. Bruns, MD, FACS, *Baltimore, MD*

The Current Management of Small Bowel Obstruction

Martin D. Zielinski, MD, *Rochester, MN*

Session II: Review of Common Emergency General Surgical Diseases

Saturday, 10:15-11:45 am

Complicated Cholecystitis: When and How to Bail Out

James F. Calland, MD, FACS, *Charlottesville, VA*

Surgical Peptic Ulcer Disease: Is it Making a Comeback?

Timothy H. Pohlman, MD, FACS, *Indianapolis, IN*

Surgical Rescue and Source Control in the EGS Open Abdomen

Louis H. Alarcon, MD, FACS, *Pittsburgh, PA*

Complicated Appendicitis

Benjamin M. Braslow, MD, FACS, *Philadelphia, PA*

Emergency General Surgery in Pregnancy

Luis J. Garcia, MD, FACS, *Iowa City, IA*

Necrotizing Soft-Tissue Infections (NSTI)

Daniel N. Holena, MD, MSCE, FACS, *Philadelphia, PA*

Session III: Understanding New and Developing Concepts in EGS

Saturday, 2:30-3:30 pm

Clostridium Difficile Colitis and Loop Ileostomy with Lavage

Lillian S. Kao, MD, FACS, *Houston, TX*

Necrotizing Pancreatitis and Video-Assisted

Retroperitoneal Debridement

Karen D. Horvath, MD, FACS, *Seattle, WA*

Sponsored by the Committee on Trauma

DC02 | Management of the Complex Older Surgical Patient: Geriatric and Palliative Care

TRACK(S): GEN, GER, RUS

6 credits, Verification Level II

Saturday, October 21; 8:30 am-4:00 pm

LOCATION: 11A

CHAIR: Zara Cooper, MD, FACS, *Boston, MA*

CO-CHAIR: Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*

As the population ages, there are increasing numbers of older surgical and trauma patients with complex needs, many of whom will also benefit from palliative care. This course will provide the evidence base and skills training for surgeons to improve quality and perioperative outcomes for older patients. A panel of national experts in geriatric surgery, trauma, ethics, surgical palliative care, and geriatrics will lead the didactic and skills course in surgical decision making, communication skills, and the perioperative care of older patients. This course will prepare participants to

implement practice guidelines in palliative care and geriatric surgery that will be put forth in 2017 from the American College of Surgeons Trauma Quality Improvement Program and National Surgical Quality Improvement Program.

Session I

Saturday, 8:30-11:45 am

Geriatric Syndromes and Their Impact on Surgery

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Care of the Hospitalized Older Patient

Marcia M. Russell, MD, *Los Angeles, CA*

Transition of Care

Benjamin S. Brooke, MD, PhD, FACS, *Salt Lake City, UT*

Session II

Saturday, 12:45-1:50 pm

Standards for Perioperative Communication and Goal Setting

Fabian M. Johnston, MD, FACS, *Milwaukee, WI*

Sharing Prognosis and Conceptual Model of Perioperative Communication

Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Session III

Saturday, 2:05-4:00 pm

Facilitation and Role Play

Zara Cooper, MD, FACS, *Boston, MA*

Summary and Questions

Zara Cooper, MD, FACS, *Boston, MA*

Sponsored by the Committee on Surgical Palliative Care

DC03 | Surgical Education: Principles and Practice

TRACK(S): EDU

6 credits, Verification Level II

Saturday, October 21; 9:00 am-4:30 pm

LOCATION: 8

CHAIR: Roy Phitayakorn, MD, MHPE (MEd), FACS, *Boston, MA*

CO-CHAIR: Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

The objective of this course is to enhance the teaching skills of surgeons active in student and resident education. The principles of adult learning, mentoring, needs assessment, questioning skills, conference management, assessing feedback, and performance evaluation will be reviewed. In addition, participants will develop a thorough generational understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small group discussions.

Session I

Saturday, 9:00-10:45 am

Adult Learning Theories

Roy Phitayakorn, MD, MHPE (MEd), FACS, *Boston, MA*

Teaching Technical Skills

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Session II

Saturday, 11:00 am-2:15 pm

Teaching Formats

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Curriculum Design (Part 1)

Gerald A. Isenberg, MD, FACS, FASCRS, *Philadelphia, PA*

Curriculum Design (Part 2)

Gerald A. Isenberg, MD, FACS, FASCRS, *Philadelphia, PA*

Session III

Saturday, 2:30-4:30 pm

Individual Feedback vs. Evaluation

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Sponsored by the Division of Education

DC04 | Global Health Competencies for Surgeons: Cognitive and Systems Skills

TRACK(S): HUM

6 credits, Verification Level II

Saturday, October 21; 8:30 am-4:00 pm

LOCATION: 7AB

CHAIR: Girma Tefera, MD, FACS, *Madison, WI*

CO-CHAIR: Robert Riviello, MD, MPH, FACS, *Boston, MA*

This course will help the international volunteer to understand the characteristics of low-resource surgical environments, situational ethics, cultural competency, tropical diseases relevant to surgery, personal preparedness and health considerations, responsibilities as a health care worker, and the scope of the "essential surgical" procedures as defined by the *Disease Control Priorities, Third Edition*.

Session I: Overview and Landscape

Saturday, 8:30-9:40 am

MODERATOR: Girma Tefera, MD, FACS, *Madison, WI*

MODERATOR: Robert Riviello, MD, MPH, FACS, *Boston, MA*

Welcome/Orientation to Class/Expectations for the Day

Girma Tefera, MD, FACS, *Madison, WI*

Robert Riviello, MD, MPH, FACS, *Boston, MA*

Introduction

Haile T. Debas, MD, FACS, *San Francisco, CA*

Landscape

Innovation

Session II: Research

Saturday, 9:55 am-12:35 pm

MODERATOR: Doruk E. Ozgediz, MD, *New Haven, CT*

Trauma Research

Sudha P. Jayaraman, MD, *Richmond, VA*

Link of Basic Science Research to Global Surgery

Stephen W. Bickler, MD, FACS, *San Diego, CA*

How Do You Assess Need?

Benedict C. Nwomeh, MD, FACS, *Columbus, OH*

Telemedicine/Distance Learning

Rifat Latifi, MD, FACS, *Valhalla, NY*

Motivation/Mentorship (Working lunch)
Benedict C. Nwomeh, MD, FACS, *Columbus, OH*
Sudha P. Jayaraman, MD, *Richmond, VA*

Session III: Implementation

Saturday, 12:35-2:15 pm

Partnership
Raymond R. Price, MD, FACS, *Salt Lake City, UT*

Non-Technical Skills in Surgery
Robert Riviello, MD, MPH, FACS, *Boston, MA*

Tropical Diseases of Surgical Relevance

Funding in Global Surgery

Session IV: How to Do It/Not to Do It

Saturday, 2:30-4:00 pm

MODERATOR: Tamara Jean Worlton, MD, FACS,
Silver Spring, MD

Ethics
Rahul M. Jindal, MB, BS, FACS, *Silver Spring, MD*
Tamara J. Worlton, MD, FACS, *Silver Spring, MD*
Cultural Sensitivity
John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*
The Burden of You Guys Coming to Us
Nobhojit Roy, MB, BS, MS, MPH, *Mumbai, India*
Wrap-up
Margaret J. Tarpley, MLS, *Nashville, TN*
Sponsored by the Operation Giving Back

DC05 | Annual Update on Trauma Care

TRACK(S): TRA

6 credits, Verification Level II

Sunday, October 22; 8:00 am-3:30 pm

LOCATION: 7AB

CHAIR: Brian J. Eastridge, MD, FACS, *San Antonio, TX*
CO-CHAIR: Leonard J. Weireter, MD, FACS, *Norfolk, VA*

The field of trauma care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes in trauma care. This will be a fast-paced review of the relevant changes to trauma practice that have occurred in the last year. Experts in the field will review the literature and provide tips for implementing these changes into practice.

Session I: Resuscitation

Sunday, 8:00-9:30 am

Hemostatic Resuscitation: State of the Art
John B. Holcomb, MD, FACS, *Houston, TX*

To CT (Computerized Tomography) or not CT in Trauma
Michael J. Sise, MD, FACS, *San Diego, CA*

Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA): Ready for Primetime
Joseph J. DuBose, MD, FACS, FCCM, *Davis, CA*

Spleen Injury: Operating Room or Interventional Radiology
Ben L. Zarzaur, MD, MPH, FACS, *Indianapolis, IN*

Session II: Critical Care

Sunday, 9:45-11:15 am

Surviving Sepsis Guidelines

Jill R. Cherry-Bukowiec, MD, MS, PNS, FACS, FCCM,
Ann Arbor, MI

New Brain Trauma Foundation Guidelines
Carlos V. R. Brown, MD, FACS, *Austin, TX*

Endpoints of Resuscitation in the Intensive Care Unit (ICU) and Critical Care Decision Support
Ramon F. Cestero, MD, FACS, FCCM, *San Antonio, TX*

Challenging Surgical Infections in the ICU
David P. Blake, MD, MPH, FACS, DMCC, *Norfolk, VA*

Session III: Special Problems in Trauma

Sunday, 12:15-1:45 pm

Rib Fracture Management: Incorporating Fixation into the Standard of Care

Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT*

Geriatric Patient: Means to Optimize Outcomes
Bellal Joseph, MD, FACS, *Tucson, AZ*

Mangled Extremity: Amputate or Reconstruct?
COL (Retired) James R. Ficke, MD, FACS, *Baltimore, MD*

Management of the Open Abdomen and Reconstruction
Amy N. Hildreth, MD, FACS, *Winston-Salem, NC*

Session IV: Mass Casualty and Disaster Management

Sunday, 2:00-3:30 pm

Active Shooter: Surgeon Perspective of the Scene Response
Alexander L. Eastman, MD, MPH, FACS, *Dallas, TX*

Mass Casualty Facility Response: Lessons Learned (Civilian)
Michael L. Cheatham, MD, FACS, *Orlando, FL*

Mass Casualty Facility Response: Lessons Learned (Military)
Matthew J. Martin, MD, FACS, *Tacoma, WA*

Mass Casualty Facility Response: Lessons Learned (International)

Saud A. Al Turki, MD, ODTS, FACS, *Doha-Qatar, Saudi Arabia*

Making Your Hospital Whole Again: Post-Event Lessons Learned

Peter A. Burke, MD, FACS, *Boston, MA*

Sponsored by the Committee on Trauma

DC06 | Basic Coding: Fast Track to Payment: Coding, Billing, and Reimbursement for Surgical Services

TRACK(S): GEN, HP

6.5 credits, Verification Level II

Sunday, October 22; 8:30 am-4:30 pm

LOCATION: 11A

CHAIR: Samuel D. Smith, MD, FACS, *Little Rock, AR*

CO-CHAIR: Megan E. McNally, MD, FACS, *Kansas City, MO*

As a result of attending this course, participants will be able to do the following: identify the services that are part of the global package, and services that may be billed in addition to procedure codes; assess the accuracy of Evaluation and Management (E/M) code selection; explain when critical

care services may be billed in the global period and integrate the rules for billing critical care in trauma; demonstrate an understanding of diagnosis coding for medical necessity and risk-based coding; define the role and reimbursement of a nonphysician practitioner in a surgical practice and analyze the region of interest (ROI); and apply management principles such as reviewing metrics, relative value unit reports, and monitoring contract payment terms.

Session I

Sunday, 8:30-10:30 am

Global Surgical Package

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Session II

Sunday, 10:45 am-12:00 noon

Evaluation and Management (E/M) Level of Service

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Session III

Sunday, 1:00-2:45 pm

Colonoscopy Integumentary International Classification of Diseases (ICD-10) Diagnosis Coding

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Session IV

Sunday, 3:00-4:30 pm

Nonphysician Practitioners in a Surgical Practice Medicare Access and CHIP Reauthorization Act (MACRA) Rules: Merit-based Incentive Payment System (MIPS) and Alternative Payment Models (APM) Practice Management Essentials

Betsy Nicoletti, MS, CPC, *Northampton, MA*

Sponsored by the General Surgery Coding and Reimbursement Committee

DC07 | Measure Twice, Cut Once! Optimizing Surgical Systems of Care

TRACK(S): EDU, INFO

6 credits, Verification Level II

Sunday, October 22; 9:00 am-4:30 pm

LOCATION: 18

CHAIR: Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Surgeons are in a unique position to maximize surgical care by applying principles of health systems engineering to their practices. Learn the critical differences between health systems engineering (HSE) and the traditional approaches to quality improvement. Simple HSE strategies can be used to identify potential problems, measure them in a feasible way, interpret results, propose solutions, and make adjustments as needed. Microsoft Excel can be used for all the necessary tools, and a few powerful techniques will be taught to help clinicians understand, analyze, and improve their systems of care and to measure outcomes important to them.

Session I

Sunday, 9:00-10:15 am

Introduction and Overview

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Lessons Learned: All Data Aren't Good Data

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Quality Assurance and Performance Improvement History and Addressing Variability

Paul M. Maggio, MD, FACS, *Stanford, CA*

Session II

Sunday, 10:30 am-1:00 pm

What Tools Do You Need in Your Belt?

Rodrigo F. Alban, MD, FACS, *Los Angeles, CA*

Tara N. Cohen, PhD, *Beverly Hills, CA*

Paul M. Maggio, MD, FACS, *Stanford, CA*

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Human Factors: Real Time Analysis

Tara N. Cohen, PhD, *Beverly Hills, CA*

Root Cause Analysis/Fish Bones

Rodrigo F. Alban, MD, FACS, *Los Angeles, CA*

Working Lunch

Rodrigo F. Alban, MD, FACS, *Los Angeles, CA*

Tara N. Cohen, PhD, *Beverly Hills, CA*

Paul M. Maggio, MD, FACS, *Stanford, CA*

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Session III

Sunday, 1:00-4:30 pm

Failure Mode Effects Analysis: Predicting Failure and Mitigating Effects

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Six Sigma: Overview and Project

Paul M. Maggio, MD, FACS, *Stanford, CA*

Lean in the Operating Room: Case Study and Project

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Sponsored by the Committee on Emerging Surgical Technology and Education

DC08 | Management of Anorectal Disease

TRACK(S): CRS, GEN, RUS

6 credits, Verification Level II

Sunday, October 22; 9:30 am-5:00 pm

LOCATION: 10

CHAIR: Armen Aboulian, MD, FACS, *Woodland Hills, CA*

CO-CHAIR: Vincent J. Obias, MD, FACS, FASCRS, *Washington, DC*

Benign anorectal disease is one of the most common problems facing general surgeons in the outpatient setting. Surgical techniques and technology are rapidly evolving to provide quicker, more effective outcomes with less pain. This panel will discuss recent advances in the field of hemorrhoids, anal fistula, anal fissure and rectal prolapse.

Session I: The Basics

Sunday, 9:30-10:45 am

Anorectal Basics: What Every General Surgeon Needs to Know
Bindu Umaphathi, MD, *Ashburn, VA*

Anorectal Evaluation: The Role of Ultrasound, Contrast Enema, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Defecography, the Role of an Anorectal Physiology Lab
Susan D. Stein, MD, FACS, *Bethesda, MD*

Constipation: The Source of So Many Problems
Jeremy M. Lipman, MD, FACS, FASCRS, *Cleveland, OH*

Nonoperative Management of Common Anorectal Diseases
Ralph E. Butler, MD, FACS, *Chesapeake, VA*

Session II: Hemorrhoids

Sunday, 11:00 am-12:15 pm

Nonoperative and Office-Based Procedures
Rami Makhoul, MD, *Arlington, VA*

Excisional Hemorrhoidectomy
Izi D. Obokhare, MD, FACS, *Amarillo, TX*

Newer Techniques: Transanal Hemorrhoidal Dearterialization (THD), Stapled and so on
Rebecca R. Cannom, MD, FACS, *Los Angeles, CA*

Hemorrhoids in Complicated Patients: Inflammatory Bowel Disease (IBD), HIV Positive, and Pregnant
Nell M. Patel, MD, FACS, *New Brunswick, NJ*

Complications and Possible Treatments of Hemorrhoid Surgery
Matthew F. Kalady, MD, FASCRS, FACS, *Cleveland, OH*

Session III: Hemorrhoids II

Sunday, 1:00-2:45 pm

Etiology, Pathogenesis, Anatomy, Types, Principles of Surgical Treatment
Grace Montenegro, MD, *St. Louis, MO*

Fistulotomy: Primary vs. Cutting Seton
Mark K. Soliman, *Birmingham, AL*

Plug vs. Glue vs. LIFT (Ligation of intersphincteric Fistula Tract)
Kyle G. Cologne, MD, FACS, *Los Angeles, CA*

Endorectal Flap
Yosef Y. Nasser, MD, FACS, *Los Angeles, CA*

Newer Techniques: Laser
Daniel D. Klaristenfeld, MD, FACS, FASCRS, *San Diego, CA*

Rectovaginal, Rectourethral, and Radiation
Mitchell A. Bernstein, MD, FACS, *New York, NY*

Fistula in Inflammatory Bowel Disease (IBD) for the General Surgeon
Phillip R. Fleshner, MD, FACS, *Los Angeles, CA*

Session IV: Pelvic Floor and the General Surgeon

Sunday, 3:00-4:10 pm

The Basics: The Complex Sequence of Events Called a Bowel Movement
Brian L. Bello, MD, FACS, *Washington, DC*

Too Tight: Anal Fissures, Levator Spasms, Proctalgia: Basics and Advanced Treatments

Michael Tiller, MD, FACS, *Philadelphia, PA*

Disorders of Defecation (Intussusception, Rectocele, Enterocele, and Sigmoidocele)
Andreas M. Kaiser, MD, FACS, FASCRS, *Los Angeles, CA*

Pruritus Ani and Levator Ani Syndrome
Eric M. Haas, MD, FACS, FASCRS, *Houston, TX*

Foreign Body
Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Cutaneous Conditions
Brian F. Hinnebusch, MD, *Milton, MA*

Section V: Rectal Prolapse

Sunday, 4:10-5:00 pm

Rectal Prolapse Workup
Tracy L. Hull, MD, FACS, *Cleveland, OH*

Altemeier
H. David Vargas, MD, FACS, *Lexington, KY*

Delorme
Scott R. Steele, MD, FACS, FASCRS, *Cleveland, OH*

Rectopexy with Mesh
John H. Marks, MD, FACS, *Wynnewood, PA*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

DC09 | Breast Cancer: National and International Disparities

TRACK(S): ONC, PLA, GEN

6 credits, Verification Level II

Monday, October 23; 9:45 am-5:15 pm

LOCATION: 7AB

CHAIR: Anees B. Chagpar, MD, FACS, *New Haven, CT*CO-CHAIR: Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Breast cancer is the most common female malignancy in the U.S. and worldwide. As a hormonally driven disease, its incidence and mortality rates within different populations and countries are modified not only by medical availability but environmental, reproductive, hereditary, and dietary influences. In the U.S., the incidence of breast cancer in Caucasian women is higher than minority women, but when health care access is equal, there are still differences in size, stage, and grade of breast cancer for many minority women. Progress in the detection and treatment of breast cancer has yielded improved outcomes overall, but health care costs and access barriers have resulted in substantial inequities in the delivery of these medical advances in the U.S., other developed and developing countries.

Session I

Monday, 9:45-11:25 am

Introduction: Breast Cancer: A Heterogeneous Disease
Anees B. Chagpar, MD, FACS, *New Haven, CT*

Differences in the Biology of Breast Cancer
Lisa A. Newman, MD, MPH, FACS, FASCO, *Detroit, MI*

Young vs. Old Breast Cancer
Marissa H. McNatt, MD, FACS, *Winston-Salem, NC*

Racial and Ethnic DisparitiesDalliah M. Black, MD, FACS, *Houston, TX***Early vs. Late: Impact of Stage at Presentation**Monica Morrow, MD, FACS, *New York, NY***Session II**

Monday, 11:40 am-1:40 pm

Introduction: International PerspectivesRonda S. Henry-Tillman, MD, FACS, *Little Rock, AR***Asian Perspective**Pranjali V. Gadgil, MB, BS, *Pune, Maharashtra***African Perspective**Ainhua C. Chavarri, MD, MPH, FACS, *Boston, MA***Middle Eastern Perspective**Neslihan Caligbou, MD, *Istanbul, Turkey***Resource and Culturally Appropriate Guidelines**Benjamin O. Anderson, MD, FACS, *Seattle, WA***Session III**

Monday, 2:40-3:40 pm

Introduction: The Influence of the Health Care SystemAnees B. Chagpar, MD, FACS, *New Haven, CT***Socioeconomic Status and Financial Toxicity**Anees B. Chagpar, MD, FACS, *New Haven, CT***Impact of the Health Care System on Breast Cancer**

Disparities: The View from the United Kingdom

Tracey E. Irvine, MA (Cantab), MB, BS(Hon), FRCS, *Guildford, Surrey***Session IV**

Monday, 3:55-5:15 pm

Can and Do Providers Make a Difference?Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR***General vs. Specialists**Cary S. Kaufman, MD, FACS, *Bellingham, WA***Rural vs. Urban**Michael D. Sarap, MD, FACS, *Cambridge, OH***Care for the Undocumented**Courtney A. Vito, MD, FACS, *Duarte, CA**Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery and Commission on Cancer***DC10 | Master Coding: General Surgery Current Procedural Terminology (CPT) Coding**

TRACK(S): GEN, HP

6.5 credits, Verification Level II

Monday, October 23; 9:45 am-5:45 pm

LOCATION: 8

CHAIR: Albert Bothe, Jr., MD, FACS, *Danville, PA*CO-CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

As a result of attending this course, participants will be able to correctly code common general surgery procedures including breast, endoscopy, colorectal, bariatric, trauma, gallbladder, liver, hernia, and more; accurately apply modifiers when

they are required and understand their affect on reimbursement; understand how to report and get paid for unlisted procedures; and integrate 2017 Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding changes and guidelines into practice.

Session I

Monday, 9:45-11:30 am

The Global Surgical Package: Surgeon Role Modifiers/ Same Day Procedure Modifiers/Modifiers for Procedures Performed During the Global Period/Documentation for Unlisted Procedures

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL***Session II**

Monday, 11:45 am-1:00 pm

Breast Procedures and Hernia Surgery

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL***Session III**

Monday, 2:00-4:00 pm

Endoscopy/Colorectal Surgery/Bariatric Surgery/ Intra-abdominal Tumor/Cyst Resection

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL***Session IV**

Monday, 4:15-5:30 pm

Appendix: Gallbladder and Liver Surgery/Trauma Coding/ Endocrine Surgery

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL*

Sponsored by the General Surgery Coding and Reimbursement Committee

DC11 | General Surgery Review Course (Two-Day Course)

TRACK(S): GEN

12 credits, Verification Level II

Monday, October 23; 10:00 am-5:00 pm

Part I: 5 Sessions

Tuesday, October 24; 8:00 am-4:00 pm

Part II: 3 Sessions

LOCATION: 30B-E

CHAIR: Laura J. Moore, MD, FACS, *Houston, TX*CO-CHAIR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

This two-day course will provide a concise review of a majority of the essential content areas in general surgery. The course will help surgeons comply with Maintenance of Certification requirements and help guide their preparation for recertification examinations. A distinguished faculty will use an interactive case-based format that will cover the core elements of general surgery including abdomen, gastrointestinal tract, trauma, critical care, breast, endocrine, vascular and perioperative care. Questions will be available for review by participants prior to the course. During the course, an interactive audience response system will be used, and the correct answer will be discussed by the faculty. At the conclusion of the course, participants will receive a syllabus with all questions, answers, and supporting discussions.

PART I**Session I: Benign Abdomen**

Monday, 10:00-11:40 am

MODERATOR: Lillian S. Kao, MD, MS, FACS, *Houston, TX*

Hepatobiliary

Lillian S. Kao, MD, MS, FACS, *Houston, TX*

Pancreas

O. Joe Hines, MD, FACS, *Los Angeles, CA*

Hernia

Mike K. Liang, MD, FACS, *Houston, TX*

Esophagus

Marco G. Patti, MD, FACS, *Chicago, IL*

Bowel Obstruction

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL***Session II: Malignant Abdomen**

Monday, 12:40-2:20 pm

MODERATOR: Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Esophagogastric

Mark W. Onaitis, MD, *La Jolla, CA*

Gastrointestinal Stromal Tumors (GIST) and Carcinoid

Michael G. House, MD, FACS, *Indianapolis, IN*

Hepatobiliary Malignancies

Cristina R. Ferrone, MD, FACS, *Boston, MA*

Colorectal Malignancies

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Pancreatic Malignancies

Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN***Session III: Breast**

Monday, 2:30-3:40 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Benign Breast Disease: Genetic Risk

Elisa R. Port, MD, FACS, *New York, NY*

Breast Cancer

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN***Session IV: Endocrine**

Monday, 3:50-4:15 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Thyroid and Parathyroid

Melanie L. Richards, MD, MHPE, FACS, *Rochester, MN***Session V: Vascular**

Monday, 4:15-5:00 pm

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Arteriovenous (AV) Access

Melanie Hoehn, MD, *Baltimore, MD*

Mesenteric Ischemia

Melanie Hoehn, MD, *Baltimore, MD*

Acute Limb Ischemia

Melanie Hoehn, MD, *Baltimore, MD*

Vascular Trauma

Melanie Hoehn, MD, *Baltimore, MD***PART II****Session I: Trauma**

Tuesday, 8:00-9:50 am

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Traumatic Brain Injury

Susan E. Rowell, MD, MCR, FACS, *Portland, OR*

Neck and Chest Trauma

Sasha D. Adams, MD, FACS, *Chapel Hill, NC*

Abdomen, Pelvis, and Extremity Trauma

Laura J. Moore, MD, FACS, *Houston, TX***Session II: Critical Care**

Tuesday, 10:10 am-12:00 noon

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Acute Lung Injury

Jasmeet S. Paul, MD, FACS, *Albuquerque, NM*

Cardiac Critical Care

Keely L. Buesing, MD, FACS, *Omaha, NE*

Sepsis

David J. Milia, MD, FACS, *Milwaukee, WI*

Nutrition

David J. Milia, MD, FACS, *Milwaukee, WI***Session III: Perioperative Care**

Tuesday, 1:00-4:00 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Gastrointestinal Issues and Prophylaxis

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Venous Thromboembolic Disease and Novel

Anticoagulants

David J. Milia, MD, FACS, *Milwaukee, WI*

Antibiotic Use

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Wound Care

Jasmeet S. Paul, MD, FACS, *Albuquerque, NM*

Pain Management

Keely L. Buesing, MD, FACS, *Omaha, NE*

Medical Ethics

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI**Sponsored by the Division of Education***DC12 | Achieving Success in Critical Situations: Safety and Teamwork in the Operating Room**

TRACK(S): EDU

4 credits, Verification Level II

Monday, October 23; 1:00-5:15 pm

LOCATION: 11A

CHAIR: Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*CO-CHAIR: Steven J. Yule, PhD, *Boston, MA*

The surgeon's nontechnical skills (situation awareness, decision making, leadership, communication and teamwork) are essential for safe surgical care, yet these skills are rarely

taught or assessed. Participants in this workshop will gain awareness of the effect of nontechnical skills on patient safety in the Operating Room. The workshop will be structured around the four categories of nontechnical skills in the Non-Technical Skills for Surgeons (NOTSS) taxonomy. The conceptual background of each category will be described. Participants will view and discuss simulated operations, focusing on the observable behaviors of the surgeons involved. Structured methods of analyzing behavior will be used to aid this process in an interactive manner. Participants will gain knowledge of NOTSS and learn to identify and assess non-technical skills in the operating room.

Session I

Monday, 1:00-2:40 pm

Non-Technical Skills for Surgeons

Steven J. Yule, PhD, *Boston, MA*

Effective Decision Making in Critical Situations

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Small Group (Decision Making)

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Maintaining Situation Awareness and Vigilance

Steven J. Yule, PhD, *Boston, MA*

Small Group (Situation Awareness)

Steven J. Yule, PhD, *Boston, MA*

Session II

Monday, 2:55-5:15 pm

The Technical Aspects of Effective Teamwork

Steven J. Yule, PhD, *Boston, MA*

Small Group (Teamwork)

Steven J. Yule, PhD, *Boston, MA*

Being a Natural Leader

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Small Group (Leadership)

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Assessing Behaviors Using the NOTSS system

Steven J. Yule, PhD, *Boston, MA*

Wrap-Up

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Sponsored by the Committee on Non-technical Skills for Surgeons (NOTSS)

DC13 | Surgical Ethics for the Practicing Surgeon

TRACK(S): ETH, GEN, GER

4 credits, Verification Level II

Monday, October 23; 1:30-5:45 pm

LOCATION: 10

CHAIR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

CO-CHAIR: Margaret L. Schwarze, MD, FACS, *Madison, WI*

The goal of this postgraduate course will be to introduce central topics in surgical ethics to practicing surgeons as well as surgical trainees. A series of topics will be addressed in a case-based discussion to provide a framework for addressing such ethical issues in care of surgical patients as: informed consent, Do Not Resuscitate in the operating room, disclosure of errors (by oneself and by other surgeons), withdrawing and withholding treatment, respect for autonomy and patients' willingness to take risks, futility in surgical care, innovative procedures, and ethics of surgical education. The format will be interactive with a high degree of participation by attendees. The session is designed to meet Continuing Medical Education requirements for ethics hours that several states currently mandate.

Session I

Monday, 1:30-3:00 pm

Introductory Remarks: How to Think about Ethical Issues in Surgery

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

Margaret L. Schwarze, MD, FACS, *Madison, WI*

Quick Shot I: Informed Consent and Respect for Autonomy and Patients' Willingness to Take Risks

Alberto R. Ferreres, MD, PhD, JD, MPH, FACS(Hon.), *Buenos Aires, Argentina*

Disclosure of Errors/Truth-Telling

Lesly A. Dossett, MD, FACS, *Ann Arbor, MI*

Session II

Monday, 3:00-4:00 pm

Quick Shot II: Withdrawal and Withholding Treatment

Allan B. Peetz, MD, *Nashville, TN*

Surgical Futility

Eric A. Singer, MD, FACS, *MA, New Brunswick, NJ*

Session III

Monday, 4:15-5:45 pm

Quick Shot III: Innovative Procedures

Jason D. Keune, MD, MBA, *St. Louis, MO*

Ethical Issues in the Education of Surgeons

Malini D. Sur, MD, *Astoria, NY*

Sponsored by the Committee on Ethics

DC14 | Fundamental Use of Surgical Energy (FUSE): Preparation and Refresher Course

TRACK(S): EDU, GEN

4 credits, Verification Level II

Tuesday, October 24; 8:30 am-12:45 pm

LOCATION: 10

CHAIR: Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

CO-CHAIR: Thomas N. Robinson, MD, FACS, *Aurora, CO*

Energy devices are used daily in the operating room and other procedural areas, yet many surgeons are not formally trained or familiar with their safe and proper use. This course is designed to teach the knowledge in the Society of

American Gastrointestinal and Endoscopic Surgeons (SAGES) FUSE online curriculum and to prepare participants for taking the FUSE certification exam. Participants will learn the principles and safe use of electrosurgical, ultrasonic, microwave, and other energy sources and understand best practice for the prevention of fires and other associated harms. Question-and-answer sessions during the course will test the knowledge acquired by attendees.

Session I

8:30-10:50 am

Introduction

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Fundamental Principles: Principles of Radio Frequency Electro-Surgery

Malcolm G. Munro, MD, *Los Angeles, CA*

Monopolar Devices

Sharon L. Bachman, MD, FACS, *Falls Church, VA*

Electrosurgical Safety in Laparoscopy

Paul N. Montero, MD, *Aurora, CO*

Advanced Bipolar Devices

Dean J. Mikami, MD, FACS, *Honolulu, HI*

Ultrasonic Energy Instruments

Daniel M. Herron, MD, FACS, FASMB, *New York, NY*

Fires in the Operating Room: Prevention and Management

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Session II:

Tuesday, 11:05 am-12:45 pm

Ablation Technologies: Radiofrequency and Microwave

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Cardiac Rhythm Devices and Surgical Energy

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Energy Devices for Flexible Endoscopy

Edward L. Jones, MD, *Denver, CO*

How to Report Adverse Events Related to the Use of Energy-Based Devices

Charlotte L. Guglielmi, RN, CNOR, *Quincy, MA*

FUSE Certification Process

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Panel Discussion

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Sponsored by the Advisory Council for General Surgery

DC15 | Minimally Invasive Endocrine Surgery: Is it Worth It?

TRACK(S): GEN, OTO

6 credits, Verification Level II

Tuesday, October 24; 9:30 am-5:00 pm

LOCATION: 11A

CHAIR: William B. Inabnet III, MD, FACS, *New York, NY*

CO-CHAIR: David J. Terris, MD, FACS, *Augusta, GA*

Minimally invasive surgery continues to evolve in the realm of endocrine surgery. Thyroid and parathyroid surgery can be performed through tiny incisions. Scarless thyroid surgery can be performed through axillary and chest incisions or

endoscopically. Adrenalectomy can be performed laparoscopically or robotically via a transabdominal or retroperitoneoscopic approach. This session will provide an overview of the minimally invasive approaches to endocrine surgery and review the outcomes (costs, recovery, complications, recurrence for cancer, and patient satisfaction) of each procedure.

Session I

Tuesday, 9:30-11:00 am

Welcome and Course Introduction

William B. Inabnet III, MD, FACS, *New York, NY*

David J. Terris, MD, FACS, *Augusta, GA*

Cost-Effective Workup of Adrenal Incidentaloma

Quan Y. Duh, MD, FACS, *San Francisco, CA*

Pheochromocytoma and Paraganglioma

Barnard J. Palmer, MD, FACS, *Oakland, CA*

Cushings Syndrome

Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

Principles of Laparoscopic Adrenalectomy

Travis McKenzie, MD, *Rochester, MN*

Session II

Tuesday, 11:15 am-12:45 pm

American Thyroid Association (ATA) Guidelines and Extent of Thyroidectomy for Cancer

David L. Steward, MD, FACS, *Cincinnati, OH*

Molecular Profiling of Thyroid Nodules

Martha A. Zeiger, MD, FACS, FACE, *Baltimore, MD*

Node Dissection: How Many Levels Do We Really Need?

Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*

Ambulatory Thyroidectomy: Is It Safe?

Samuel K. Snyder, MD, FACS, *Edinburg, TX*

Session III

Tuesday, 1:45-3:15 pm

Parathyroid Surgery Consensus Guidelines

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Role of Imaging and Intraoperative Parathyroid Hormone (IOPH) in Parathyroid Surgery

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

Minimally Invasive Parathyroidectomy

David J. Terris, MD, FACS, *Augusta, GA*

Failed Parathyroidectomy: Principles of Reoperation

Nancy D. Perrier, MD, FACS, *Houston, TX*

Session IV

Tuesday, 3:30-5:00 pm

Bilateral Axillo Breast Approach (BABA) Thyroidectomy and Neck Dissection

Hyunsuk Suh, MD, *Fort Lee, NJ*

Transoral Endoscopic Thyroidectomy Vestibular Approach

William B. Inabnet III, MD, FACS, *New York, NY*

Remote Access Thyroidectomy: Which Approach?

Jeremy D. Richmon, MD, FACS, *Baltimore, MD*

Laryngeal Nerve Monitoring: Where Are We in 2017?

Gregory W. Randolph, MD, FACS, *Boston, MA*

Sponsored by the Commission on Cancer, the Advisory Council for General Surgery, and the Advisory Council for Otolaryngology-Head and Neck Surgery

DC16 | Surgical Critical Care: Annual Update

TRACK(S): GEN, RUS, TRA

6 credits, Verification Level II

Wednesday, October 25; 8:00 am-5:30 pm

LOCATION: 8

CHAIR: Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

CO-CHAIR: Niels D. Martin, MD, FACS, FCCM, *Philadelphia, PA*

The field of surgical critical care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes that should be integrated into the practices of those that attend this session. This will be a fast-paced review of the relevant changes to critical care practices that have occurred over the last year. Experts in the field will review the literature and provide tips for implementing these changes into practice.

Session I

Wednesday, 8:00-10:15 am

Introduction

Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

Respiratory Failure /Acute Respiratory Distress Syndrome (ARDS)

Joseph V. Sakran, MD, MPH, MPA, FACS, *Baltimore, MD*

Geriatric Trauma

Zara Cooper, MD, FACS, *Boston, MA*

Hemodynamic Monitoring

Niels D. Martin, MD, FACS, FCCM, *Philadelphia, PA*

Shock: Resuscitation

Kyle N. Remick, MD, FACS, *Bethesda, MD*

Session II

Wednesday, 10:30 am-12:20 pm

Cardiovascular Support/Extracorporeal Membrane Oxygenation (ECMO)

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

Renal Replacement Therapy

Ronald B. Tesoriero, MD, FACS, *Baltimore, MD*

Endocrinopathy/Electrolytes

Lewis J. Kaplan, MD, FACS, FCCM, FCCP, *Philadelphia, PA*

Neurologic Injury: Evaluation and Management

Ruby A. Skinner, MD, FACS, FCCP, FCCM, *Bakersfield, CA*

Session III

Wednesday, 1:20-3:00 pm

Infection/Antibiotic Stewardship/Source Control

Addison K. May, MD, FACS, *Nashville, TN*

Pain, Agitation, and Delirium

Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

Platelets, Coagulopathy, and Bleeding

Martin A. Schreiber, MD, FACS, *Portland, OR*

Transplantation

Adam Bozdin, MD, *Chicago, IL*

Session IV

Wednesday, 3:15-5:30 pm

Organ Failure Scoring

Vanessa Nomellini, MD, *Cincinnati, OH*

Pediatric Trauma

Shaheen J. Timmapuri, MD, FACS, *New Brunswick, NJ*

Palliative Care: End of Life

Christine C. Toevs, MD, FACS, *Terre Haute, IN*

Billing and Coding

M. Elizabeth Schroeder, MD, *Washington, DC*

Sponsored by the Committee on Trauma

DC17 | Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties

TRACK(S): GEN

4 credits, Verification Level II

Wednesday, October 25; 8:30 am-12:45 pm

LOCATION: 18

CHAIR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

CO-CHAIR: Robert R. Bahnson, MD, FACS, *Columbus, OH*

The fundamentals of surgery are competencies that are common to all the surgical subspecialties, and are tested during the Maintenance of Certification recertification process. Topics include: emergency airway management, deep vein thrombosis prophylaxis, postop management including myocardial infarction recognition, conscious sedation, treatment of anaphylaxis, blood conservation, pain management and patient safety issues, to name a few. This course features subject matter experts from all the subspecialties to address these topics, with an emphasis on preparation for Maintenance of Certification specific to these fundamental competencies. This is a one-stop session for you to quickly get up to speed through a refresher course for all these areas and will give you the opportunity to concentrate on studying the other materials specific to your subspecialties.

Session I

Wednesday, 8:30-10:25 am

Introduction

Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Postoperative Pain Management

James B. Ray, PharmD, CPE, *Charlottesville, VA*

Anesthesia and Conscious Sedation

Joshua L. Lumbley, MD, *Columbus, OH*

Perioperative Airway Management

Paul W. Flint, MD, FACS, *Portland, OR*

Session II

Wednesday, 10:40 am-12:45 pm

Perioperative Medical Management

Kurt Pfeifer, MD, FACP, SFHM, *Milwaukee, WI*

Patient Safety in Surgery

Thomas Scharschmidt, MD, FACS, *Columbus, OH*

Perioperative Anticoagulation

Mark M. Levy, MD, FACS, *Charlotte, VA*

Questions/Answers and Closure

Robert R. Bahnson, MD, FACS, *Columbus, OH*

Sponsored by the Division of Education

DC18 | Surgical Oncology for the Rural and Community Surgeon

TRACK(S): GEN, ONC, RUS

6 credits, Verification Level II

Wednesday, October 25; 9:00 am-4:30 pm

LOCATION: 11A

CHAIR: Aeisha K. Rivers, MD, FACS, *Miramar, FL*

CO-CHAIR: Mark W. Puls, MD, FACS, *Alpena, MI*

Rural America comprises 25 percent of the population; yet only nine percent of the nation's physicians practice in rural areas. The majority of oncology care is provided by practitioners in the community setting. This course will highlight rural and community programs that have successfully managed the following: increasing volumes, evolving management guidelines, and further specialization among surgical disciplines. The focus of the session will be on the unique perspectives of building effective rural and community oncology programs, and factors associated with sustaining these efforts.

Cancer care guidelines and genetic testing recommendations are changing rapidly. Patients with breast cancer, colon cancer, rectal cancer, thyroid cancer, and melanoma are commonly treated by general surgeons. Current care guidelines for breast cancer, colon cancer, rectal cancer, thyroid cancer, and melanoma will be reviewed. Screening guidelines and options for high-risk populations will also be reviewed. Up-to-date genetic testing guidelines for these disease sites will be reviewed.

Session I: Filling the Need: How We Did It

Wednesday, 9:00 am-12:00 pm

Oncology Care in the Community: A Statistical Overview
Michael D. Sarap, MD, FACS, *Cambridge, OH*

Hepatocellular Carcinoma Screening at County Hospital
Adam C. Yopp, MD, *Dallas, TX*

Rural Breast Program: Clinical Trials
Gary W. Unzeitig, MD, FACS, *Laredo, TX*

Community Colon/Breast Outreach
Michael D. Sarap, MD, FACS, *Cambridge, OH*

Genetic Testing Guidelines
Linda Robinson, MS, CGC, *Southlake, TX*

Session II: Current Management Guidelines

Wednesday, 1:00-4:30 pm

Breast Cancer Screening and Management
Samilia Obeng-Gyasi, MD, *Bloomington, IN*

Colon Cancer Screening and Management
Abier A. Abdelnaby, MD, *Dallas, TX*

Rectal Cancer Screening and Management
Eric J. Szilagyi, MD, FACS, *Novi, MI*

Thyroid Cancer Screening and Management
Julie A. Sosa, MD, FACS, *Durham, NC*

Melanoma Screening and Management
Joshua M.V. Mammen, MD, PhD, FACS, *Kansas City, KS*

Sponsored by the Committee on Diversity Issues, the Advisory Council for Rural Surgery, and the Commission on Cancer

DC19 | From Normalized Stress to the Precipice of Burnout: Strategies to Retain Joy in the Profession

TRACK(S): EDU

4 credits, Verification Level II

Wednesday, October 25; 10:00 am-2:15 pm

LOCATION: 10

CHAIR: Adam Deutchman, MD, FACS, *Salmon, ID*

CO-CHAIR: Taylor S. Riall, MD, PhD, FACS, *Tucson, AZ*

Burnout is rampant among health care providers, particularly for surgeons facing the demands of performing invasive procedures in high-stakes settings coupled with increasingly onerous regulatory demands that seem to distance us from our patients. Attendees will learn about the effect of chronic normalized stress on the physical and mental health of surgeons. This is an interactive skills sessions on achieving mindfulness through various approaches, unpredictable lifestyle, and exposure to chronic stress. Participants will experience personal coaching and develop concrete skills to help take better care of themselves and to pass on to others. Topics addressed include stress management and relaxation techniques, physical activity, nutrition, time management, cognitive restructuring, and attitude.

Session I

Wednesday, 10:00 am-12:00 pm

Introduction

Adam Deutchman, MD, FACS, *Salmon, ID*

Energy Leadership: Emotional Intelligence and Responding vs. Reacting to Your Environment
Taylor S. Riall, MD, PhD, FACS, *Tucson, AZ*

Movement and Exercise for the Busy Surgeon
Natalie Johnson, MS, *St. Petersburg, FL*

Session II

Wednesday, 12:15-2:15 pm

Work-Life Integration and Setting Priorities
Barbara K. Reid, PhD, MEd, LMFT, *Cambridge, MA*

Stress Reduction Techniques, Mindfulness, and Meditation
Sharmila Dissanaikie, MD, FACS, *Lubbock, TX*

Sponsored by the Women in Surgery Committee and the Board of Governors Physician Competency and Health Workgroup

Surgical Skills Courses (SC)

SC01 | Advanced Skills Training for Rural Surgeons: Laparoscopic Common Bile Duct Exploration and Closure of Complex Soft-Tissue Defects*

TRACK(S): GEN, PLA, RUS

8 credits, Verification Level III

Saturday, October 21; 8:00 am-5:30 pm

LOCATION: Naval Medical Center San Diego (NMCSO)
Medical and Surgical Simulation Center (MSSC)

CHAIR: Amy L. Halverson, MD, FACS, FASCRS, *Chicago, IL*
 CO-CHAIR: Adam Deutchman, MD, FACS, *Salmon, ID*
 CO-CHAIR: Susan E. Long, MD, FACS, *Buckhannon, WV*

Advanced Skills Training for the Rural Surgeon covers diverse technical skills that are applicable in various practice environments. This year's course will cover two modules: laparoscopic management of common bile duct stones and reconstruction techniques for soft-tissue defects. The course will begin with didactic lectures to address key concepts for each module, followed by hands-on, mentored practice of surgical skills.

Note: This course will be held at a government facility. All participants and faculty will be vetted for security clearance in advance. Advanced registration is required.

*Bus transportation will be provided to the lab at NMCSO.

Welcome, Introductions, and Course Overview
 Amy L. Halverson, MD, FACS, FASCRS, *Chicago, IL*
 Adam Deutchman, MD, FACS, *Salmon, ID*
 Susan E. Long, MD, FACS, *Buckhannon, WV*

ACS Wound Home Skills Kit
 Nancy Strand, RN, MPH, *Chicago, IL*

Laparoscopic Common Bile Duct Exploration
 Ezra N. Teitelbaum, MD, *Portland, OR*

Approaches to Closure of Soft-Tissue Defects
 Ahmed S. Suliman, MD, *San Diego, CA*

Break

Hands-On Skills Lab Session 1:
 Laparoscopic Common Bile Duct Exploration;
 Soft-Tissue Defect Closure

Lunch

Hands-On Skills Lab Session 2:
 Laparoscopic Common Bile Duct Exploration;
 Soft-Tissue Defect Closure

Break

Hands-On Skills Lab Sessions Continued

HANDS-ON SKILLS STATION INSTRUCTORS: LAPAROSCOPIC
 COMMON BILE DUCT EXPLORATION
 Eric S. Hungness, MD, FACS, *Chicago, IL*
 Byron F. Santos, MD, *Lebanon, NH*
 Ezra N. Teitelbaum, MD, *Portland, OR*
 Khashayar Vaziri, MD, FACS, *Washington, DC*

HANDS-ON SKILLS STATION INSTRUCTORS:
 SOFT-TISSUE DEFECT CLOSURE
 Jennifer Cheesborough, MD, *Palo Alto, CA*
 Kirk A. Churukian, MD, *San Jose, CA*
 Eamon B. O'Reilly, MD, FACS, *Carlsbad, CA*
 Ahmed S. Suliman, MD, *San Diego, CA*

Sponsored by the Advisory Council for Rural Surgery, the Advisory Council for General Surgery, and the Patient Education Committee

SC02 | Surgical Endoscopy: Essential Skills in Gastrointestinal Surgery

TRACK(S): GEN

SC02A: Lecture Only

3.75 credits, Verification Level II
 Sunday, October 22; 8:00 am-12:00 noon

LOCATION: Lecture: 8; Lab: 16AB, 17AB

SC02B: Lecture and Lab

8 credits, Verification Level III
 Sunday, October 22; 8:00 am-5:30 pm

LOCATION: Lecture: 8; Lab: 16AB, 17AB

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
 CO-CHAIR: Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Therapeutic endoscopy continues to change gastrointestinal surgery. The last decade alone has seen gastroesophageal reflux disease (GERD), Barrett's esophagus, achalasia, anastomotic leaks, and intestinal fistulas all being managed with endoscopic therapies. This course will show participants how to use flexible endoscopy to improve the care of patients with gastrointestinal disease and will include a brief summary of energy source knowledge and safe patient preparation for endoscopic procedures. This course also will address how the American Board of Surgery is working toward retooling the surgical workforce by mandating a curriculum in flexible gastrointestinal endoscopy with validated metrics of performance for all general surgical residents.

The hands-on lab will introduce participants to techniques and technologies that can be readily introduced into their practice including dilation, clip placement, mucosal ablation, stent placement, endoluminal therapies for GERD, endoscopic suturing, endoscopic mucosal resection, and peroral endoscopic myotomy.

Session A: Lectures

Welcome and Introduction
 Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
 Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Why Should I Perform Flexible Endoscopy?
 Thadeus L. Trus, MD, *Lebanon, NH*

Patient Preparation and Sedation
 Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Esophageal Endoscopy
 Jose M. Martinez, MD, FACS, *Miami, FL*

Colonoscopy; Polypectomy
 Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*

Understanding Energy Sources; Therapeutic Endoscopy and Safety

Brian J. Dunkin, MD, FACS, *Houston, TX*

Dilation (Balloon and Bougie)
 Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Break

Intraoperative Endoscopy
 Robert D. Fanelli, MD, MHA, FACS, FASGE, *Sayre, PA*

Enteral Access

Bipan Chand, MD, FACS, FASMBS, FASGE, *Maywood, IL*

Stents

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

A Glimpse of the Future of Flexible Endoscopy for Surgeons

Christy M. Dunst, MD, FACS, *Portland, OR*

Final Question-and-Answer Session

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA***Session B: Hands-On Skills Workshop****(Includes Session A)**

Sunday, 12:00 noon-5:30 pm

Lunch (ticket required)

Hands-On Skills Lab Session, 1:00 pm

HANDS-ON SKILLS STATION INSTRUCTORS:

Diya I. Alaadeen, MD, FACS, *Cleveland, OH*Jeffrey A. Blatnik, MD, *St. Louis, MO*Robert J. Bowles, MD, FACS, *Miami, FL*Bipan Chand, MD, FACS, FASMB, FASGE, *Maywood, IL*Brian J. Dunkin, MD, FACS, *Houston, TX*Christy M. Dunst, MD, FACS, *Portland, OR*Robert D. Fanelli, MD, MHA, FACS, FASGE, *Sayre, PA*Jeffrey W. Hazey, MD, FACS, *Columbus, OH*Jose M. Martinez, MD, FACS, *Miami, FL*Michael F. McGee, MD, FACS, FASCRS, *Chicago, IL*Jonathan P. Pearl, MD, FACS, *Baltimore, MD*Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*Charles Y. Ro, MD, FACS, *Joplin, MO*Ezra N. Teitelbaum, MD, *Portland, OR*Thadeus L. Trus, MD, *Lebanon, NH*

Sponsored by the Board of Governors Continuing Education Workgroup and the Advisory Council for General Surgery

SC03 | Thyroid, Parathyroid, and Neck Ultrasound

TRACK(S): GEN, OTO, ONC

7.75 credits, Verification Level III

Sunday, October 22; 8:15 am-5:30 pm

LOCATION: 15AB

CHAIR: Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*CO-CHAIR: Marika Russell, MD, FACS, *San Francisco, CA*

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid, parathyroid, and neck for commonly encountered diseases. The distinction of normal from malignant lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical levels I-VI. The technique of ultrasound-guided fine needle aspiration biopsy (FNAB) of thyroid nodules and lymph nodes are addressed in didactic lecture format.

In addition, hands-on skill sessions allow the surgeon to develop techniques to perform diagnostic neck ultrasound and ultrasound-guided FNAB. The use of standardized patients allows supervised hands-on experience with transverse and longitudinal scanning methods. The techniques

of FNAB of lesions will be performed using phantom models. Attendees will be instructed in the practical detail and hurdles in developing office-based ultrasound.

Prerequisite: Registrants must have completed the *Ultrasound for Surgeons: The Basic Course, 3rd Edition Online Course*.

Overview and Discussion of Course Topics

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*Marika Russell, MD, FACS, *San Francisco, CA*

Physics and Principles of Ultrasonography

Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

Scanning Techniques for Head and Neck Ultrasonography

Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

Ultrasonography of Normal Neck Anatomy

Marika Russell, MD, FACS, *San Francisco, CA*

Break

Instructor Demonstration

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*Marika Russell, MD, FACS, *San Francisco, CA*

Thyroid Ultrasonography

William B. Armstrong, MD, FACS, *Orange, CA*

Parathyroid Ultrasonography

Cord Sturgeon, MD, FACS, *Chicago, IL*

Break

Neck Ultrasonography

Kevin T. Brumund, MD, FACS, *La Jolla, CA*

Interventional Ultrasonography

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

Lunch

Integrating Office-Based Ultrasonography into Practice

Sareh Parangi, MD, FACS, *Boston, MA*

Introduction to the Lab

Marika Russell, MD, FACS, *San Francisco, CA*

Break

Hands-On Skills Lab Session

Module 1: Basic Technical Issues

Module 2: Central Neck Anatomy

Module 3: Lateral Neck Anatomy

Module 4: Lymph Node Evaluation

Module 5: Performance Exam

Module 6: Ultrasound-Guided Fine Needle Aspiration

HANDS-ON SKILLS STATION INSTRUCTORS:

William B. Armstrong, MD, FACS, *Orange, CA*Kevin T. Brumund, MD, FACS, *La Jolla, CA*Michael R. Holtel, MD, FACS, *San Diego, CA*Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*Barbra S. Miller, MD, FACS, *Ann Arbor, MI*Sareh Parangi, MD, FACS, *Boston, MA*Cord Sturgeon, MD, FACS, *Chicago, IL*

Concluding Remarks

Marika Russell, MD, FACS, *San Francisco, CA*

SC04 | Ultrasound for Pediatric Surgeons

TRACK(S): PED

6 credits, Verification Level III

Monday, October 23; 9:45 am-5:15 pm

LOCATION: 15AB

CHAIR: Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*
CO-CHAIR: Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

This course is intended to provide pediatric surgeons with an introduction to ultrasound and the basic skills needed for use in their practice. This course includes brief didactic sessions in the physics of ultrasound instrumentation and scanning techniques, and the clinical applications in the neonatal and pediatric patient. Particular attention is given to ultrasound-guided techniques as applicable to pediatric surgeons in their daily practice. In comparison to previous courses, the course offers now an expanded hands-on session with stations briefly focusing on diagnostic techniques (Focused Assessment with Sonography in Trauma (FAST), cervical and abdominal windows and findings), but, most importantly, on teaching interventional procedures such as vascular access or placement of drains. Ultrasound techniques will be practiced on human models as well as on simulators. The course covers the following: ultrasound basics for the pediatric/neonatal patient; trauma/FAST examination; diagnosis of soft-tissue abscess, appendicitis, hypertrophic pyloric stenosis, intussusception, and intestinal malrotation; diagnosis and treatment of intracavitary fluid collections (abdominal/thoracic); insertion of arterial lines as well as peripheral and central venous catheters; interventional biopsy techniques for tumors and masses; and other pediatric applications.

Prerequisite: Registrants must have completed the *Ultrasound for Surgeons: The Basic Course, 3rd Edition Online Course*.

Welcome and Introduction

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*
Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Basic Ultrasound Physics, Knobology, and Scanning Techniques

Guy F. Brisseau, MD, MEd, FRCS(C), FACS, *Doha, Qatar*
Ultrasound for the Pediatric Trauma Patient/FAST
Alexander Dzakovic, MD, FACS, *Chicago, IL*

Pediatric and Neonatal Ultrasound Applications (abscess, hypertrophic pyloric stenosis, acute appendicitis, intussusception, inguinal hernia/hydrocele, liver and gallbladder, imperforate anus, kidney, critical care)

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Ultrasound-Guided Insertion of Peripheral and Central Venous and Arterial Catheters

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Interventional Ultrasound Techniques (subcutaneous or abdominal fluid collections, thoracentesis, paracentesis, Fine Needle Aspiration (FNA) of thyroid or breast nodule, true cut biopsy of liver nodule)

Ranjith Vellody, MD, *Washington, DC*

Hands-On Skills Lab Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Guy F. Brisseau, MD, MEd, FACS, FRCS(C), *Doha, Qatar*
Alexander Dzakovic, MD, FACS, *Chicago, IL*
Samir K. Gadepalli, MD, MBA, FACS, *Ann Arbor, MI*
Ranjith Vellody, MD, *Washington, DC*

Sponsored by the Advisory Council for Pediatric Surgery and the National Ultrasound Faculty

SC05 | Robotic Gastrointestinal (GI) Surgery: Program Planning, Approach, and Applications

TRACK(S): GEN

6 credits, Verification Level II

Monday, October 23; 10:00 am-5:30 pm

LOCATION: 14AB

CHAIR: Vivian E. Strong, MD, FACS, *New York, NY*

CO-CHAIR: Martin R. Weiser, MD, FACS, *New York, NY*

Robotic surgery is increasingly being applied toward many different surgical procedures. It is important that with the introduction of new applications for this technology, safety and efficacy be rigorously evaluated. This course will discuss current applications of robotic technology to upper and lower gastrointestinal (GI) surgery. Presentations will emphasize program set-up, including aspects of credentialing, certification, legal exposure, training, safety, quality assurance, and procedure-specific assessment and evaluation of robotic approaches. The hands-on experience with robotic consoles, simulators, and instruments will provide attendees with an opportunity to receive expert guidance and tips from the instructors.

Welcome and Introduction

Vivian E. Strong, MD, FACS, *New York, NY*
Martin R. Weiser, MD, FACS, *New York, NY*

Part I: Developing a Robotic Program

National Trends for Robotic Surgery
Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Making the Financial Argument for the Robot
Vincent P. Laudone, MD, *New York, NY*

Creating Teams and Getting Started
Todd D. Francone, MD, MPH, FACS, FASCRS, *Burlington, MA*

Set-Up for Success: Technical Issues
Michael Patane, PA, *New York, NY*

What the Lawyer says....
Glenn Dopf, JD, *New York, NY*

Question-and-Answer Session

Break

Part II: Upper Gastrointestinal Tract

Nissen, Paraesophageal Hernia, and Chole
Dan E. Azagury, MD, *Stanford, CA*

Gastrectomy for Cancer
Vivian E. Strong, MD, FACS, *New York, NY*

Pancreatectomy
Tara S. Kent, MD, FACS, *Boston MA*

Liver Resections

Yuman Fong, MD, FACS, *Duarte, CA*

Question-and-Answer Session

Part III: Lower Gastrointestinal Tract

Inflammatory Bowel Disease

Lisa Parry, MD, *La Jolla, CA*

Diverticulitis

Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*

Colectomy for Cancer with Intracoporeal Anastomosis

Ron G. Landmann, MD, FACS, *Jacksonville Beach, FL*

Rectal Resection for Cancer

Martin R. Weiser, MD, FACS, *New York, NY*

Question-and-Answer Session

Break

Introduction to the Lab

Vivian E. Strong, MD, FACS, *New York, NY*

Hands-On Skills Lab Session

Port Placement and Arms

How to Get Out of Trouble

HANDS-ON SKILLS STATION INSTRUCTORS:

Dan E. Azagury, MD, *Stanford, CA*

Yuman Fong, MD, FACS, *Duarte, CA*

Tara S. Kent, MD, FACS, *Boston MA*

Ron G. Landmann, MD, FACS, *Jacksonville Beach, FL*

Vincent P. Laudone, MD, *New York, NY*

Lisa Parry, MD, *La Jolla, CA*

Michael Patane, PA, *New York, NY*

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SC06 | Advanced Colonoscopy: Polypectomy and Beyond

TRACK(S): CRS, GEN, RUS

4 credits, Verification Level III

Monday, October 23; 1:00-5:15 pm

LOCATION: Lecture: 18; Lab: 16AB

CHAIR: Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

CO-CHAIR: I. Emre Gorgun, MD, FACS, *Cleveland, OH*

The last 10 years have brought new advances in advanced endoscopic techniques for polypectomy (for example: endoscopic mucosal resection (EMR), endoscopic submucosal dissection (ESD), and laparoscopic-assisted colonoscopic polypectomy), endoluminal management of anastomotic leaks, endoscopically placed stents to relieve colorectal obstruction, and endoluminal suturing. This course, which is designed for general and colorectal surgeons who routinely perform colonoscopy, will discuss each of these methods and review the pertinent data. There will be a hands-on skills lab session after the lectures, during which participants will have the chance to perform ESD in an ex-vivo model and place endoscopic clips as well as become acquainted with colonic stents and endoluminal suturing devices.

Welcome and Introduction

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

I. Emre Gorgun, MD, FACS, *Cleveland, OH*

Laparoscopic Facilitated Colonoscopic Resection of Large Polyps

Sang W. Lee, MD, FACS, *Los Angeles, CA*

Endoscopic Submucosal Dissection

I. Emre Gorgun, MD, FACS, *Cleveland, OH*

Large Flat Polyps—Other Options

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Stenting of Colorectal Strictures

Maher A. Abbas, MD, FACS, FASCRS, *Dubai, UAE*

Endoscopic Suturing (Full Thickness)

Sergey V. Kantsevov, MD, PhD, *Baltimore, MD*

Endoscopic Management of Anastomotic Leak

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Introduction to Lab

Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

Break

Hands-On Skills Lab Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Maher A. Abbas, MD, FACS, FASCRS, *Dubai, UAE*

Todd D. Francone, MD, MPH, FACS, FASCRS, *Burlington, MA*

Jennifer E. Hrabec, MD, *Iowa City, IA*

Sergey V. Kantsevov, MD, PhD, *Baltimore, MD*

Sang W. Lee, MD, FACS, *Los Angeles, CA*

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Marc A. Singer, MD, FACS, *Chicago, IL*

Toyooki Sonoda, MD, FACS, FASCRS, *New York, NY*

D. Mark Zebley, MD, FACS, FASCRS, *Abington, PA*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Colon and Rectal Surgery

SC07 | Contemporary Strategies for Laparoscopic Inguinal and Ventral Hernia Repair

TRACK(S): EDU, GEN, RUS

SC07A: Lecture Only

3.5 credits, Verification Level II

Tuesday, October 24; 8:00-11:45 am

LOCATION: 8

SC07B: Lecture and Lab

7.5 credits, Verification Level III

Tuesday, October 24; 8:00 am-5:00 pm

LOCATION: Lecture: 8; Lab: 16AB

CHAIR: Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

CO-CHAIR: John S. Roth, MD, FACS, *Lexington, KY*

CO-CHAIR: Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Inguinal and ventral hernia repair are among the most commonly performed general surgical procedures. However, the penetrance of laparoscopic hernia repair remains low despite its advantages in many patients. The learning curve for laparoscopic hernia repair is lengthy despite participation

in formal didactic training and is a major, limiting factor in widespread adoption. Although laparoscopic hernia repair has been performed for more than 20 years, advances in techniques have resulted in improved outcomes. This course provides formal didactic training in patient selection, procedural anatomy, techniques, postoperative management, and treatment of common complications encountered in laparoscopic inguinal and ventral hernia repair.

The laboratory experience provides an opportunity for learners to work in small groups with expert surgeons using simulated hernia models. Learners are encouraged to challenge faculty with unique hernia questions and cases by bringing complex cases to discuss in a small group setting. Surgeons with all levels of experience from novice to experienced are encouraged to attend.

Course Introduction and Overview

Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

John S. Roth, MD, FACS, *Lexington, KY*

Lecture Series: The Basics—Laparoscopic Inguinal Hernia Repair

Laparoscopic Inguinal Hernia: The Data Speaks for Itself
Konstantinos Spaniolas, MD, *Stony Brook, NY*

Laparoscopic Transabdominal Preperitoneal Inguinal Repair: Tips and Tricks to Accelerate the Learning Curve
Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Laparoscopic Totally Extraperitoneal Repair Simplified
Brian P. Jacob, MD, FACS, *New York, NY*

Lecture Series: The Basics—Laparoscopic Ventral Hernia Repair

Laparoscopic Ventral Hernia Repair: Sutures vs. Tacks
Adrian E. Park, MD, FACS, FRCSC, FCS (ECSA), *Crownsville, MD*

Laparoscopic Ventral Hernia Intraperitoneal Onlay Mesh (IPOM) Procedure with Defect Closure
Mike K. Liang, MD, FACS, *Houston, TX*

Laparoscopic Repair of Atypical Hernias
Kristi L. Harold, MD, FACS, *Scottsdale, AZ*

Let's Be Friends: Facebook for Surgeons
Brian P. Jacob, MD, FACS, *New York, NY*

Technology to Enhance Hernia Education
Paul Szotek, MD, *Carmel, IN*

Panel Discussion

Break

Lecture Series: Case Scenarios—Laparoscopic Incisional Hernia Repair

Failed Laparoscopic Ventral Hernia Repair: What's Next?
John S. Roth, MD, FACS, *Lexington, KY*

Intraoperative Complications of Laparoscopic Ventral Hernia: Getting Out of Trouble
Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

Robotic Ventral Hernia Repair Is Cost Effective
Conrad Ballecer, MD, FACS, *Peoria, AZ*

Lecture Series: Case Scenarios—Laparoscopic Inguinal Hernia Repair

Laparoscopic Repair of Recurrent Inguinal Hernias
Jacob A. Greenberg, MD, FACS, *Madison, WI*

Does Robotic Inguinal Hernia Repair Make Cents?
Thomas J. Swope, MD, FACS, *Baltimore, MD*

Oops, What Do I Do Now?

William W. Hope, MD, FACS, *Wilmington, NC*

Simplified Management of Groin Pain following Inguinal Hernia Repair

David C. Chen, MD, FACS, *Los Angeles, CA*

Panel Discussion

Session B: Hands-On Skills Workshop (Includes Session A)

Tuesday, 11:45 am-5:00 pm

Lunch (ticket required)

Hands-On Skills Lab Session, 12:45 pm

Introduction to Hands-On Skills Course and Station Assignments

Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

HANDS-ON SKILLS STATION INSTRUCTORS:

Curtis E. Bower, MD, FACS, *Roanoke, VA*

Robert J. Fitzgibbons, MD, FACS, *Omaha, NE*

Jacob A. Greenberg, MD, FACS, *Madison, WI*

Kristi L. Harold, MD, FACS, *Scottsdale, AZ*

William W. Hope, MD, FACS, *Wilmington, NC*

Dennis R. Klassen, B. Sc(Hon), MD, FACS, FRCSC, *Halifax, NS*

Yuri W. Novitsky, MD, FACS, *Cleveland, OH*

David W. Overby, MD, FACS, *Chapel Hill, NC*

Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Bruce Ramshaw, MD, FACS, *Knoxville, TN*

Sergio Roll, MD, PhD, *Sao Paulo, Brazil*

Konstantinos Spaniolas, MD, *Stony Brook, NY*

Ashley H. Vernon, MD, FACS, *Boston, MA*

Jin S. Yoo, MD, FACS, *Durham, NC*

Sponsored by the Committee on Emerging Surgical Technology and Education

SC08 | Advanced Robotic Surgery for Specialized Gastrointestinal Operations*

TRACK(S): GEN

8 credits, Verification Level III

Tuesday, October 24; 8:00 am-5:30 pm

LOCATION: University of San Diego, Center for the Future of Surgery

CHAIR: Vivian E. Strong, MD, FACS, *New York, NY*

CO-CHAIR: Martin R. Weiser, MD, FACS, *New York, NY*

This advanced hands-on robotic cadaver lab with experts in the field is intended for the surgeon who has mastered the basics in robotic surgery. Participants will experience a high-level, organ-based course that will teach step-by-step specifics for robotic organ resection including colectomy, gastrectomy, hepatobiliary, and other intraabdominal resections. Surgeon participants will have brief didactic technical "how-to" presentations by renowned experts in the organ followed by an in-depth tutorial on the cadavers.

Finally, participants will perform the operations while being guided through the steps and “pearls and pitfalls” will be given by the expert surgeons. Registration is limited and participants must have basic robotic skills to enroll.

*Bus transportation will be provided to the lab at the Center for the Future of Surgery.

Welcome and Introduction

Vivian E. Strong, MD, FACS, *New York, NY*

Martin R. Weiser, MD, FACS, *New York, NY*

Robotic Rectal Resection

Martin R. Weiser, MD, FACS, *New York, NY*

Robotic Gastrectomy

Vivian E. Strong, MD, FACS, *New York, NY*

Robotic Distal Pancreatectomy

Chet Hammill, MD, FACS, *Portland, OR*

Hands-On Skills Lab Session

HANDS-ON SKILLS INSTRUCTORS:

Vivian E. Strong, MD, FACS, *New York, NY*

Martin R. Weiser, MD, FACS, *New York, NY*

Chet Hammill, MD, FACS, *Portland, OR*

Question-and-Answer Session

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SC09 | Interventional and Intraoperative Breast Ultrasound for the General Surgeon

TRACK(S): GEN, ONC

6 credits, Verification Level III

Tuesday, October 24; 9:00 am-4:30 pm

LOCATION: 15AB

CHAIR: Darius S. Francescatti, MD, FACS, *Chicago, IL*

CO-CHAIR: Richard E. Fine, MD, FACS, *Germantown, TN*

This course is designed for a general surgery practice that incorporates the diagnosis and treatment of both benign and malignant breast pathologies. The didactic portion of this course will focus on the use of breast ultrasound as an essential aid in the performance of nonsurgical ablative and/or surgical procedures. Emerging technologies that affect the breast practice of a general surgeon will also be discussed.

The hands-on workshop will highlight the use of modern diagnostic and therapeutic devices that are essential in delivering state-of-the-art general surgical care to the breast patient.

Introduction

Darius S. Francescatti, MD, FACS, *Chicago, IL*

Cryoablation

Rache M. Simmons, MD, FACS, *New York, NY*

Breast Ultrasound as Adjunct to the Performance of Breast Ablative Therapy in Both Benign and Malignant Pathologies

Linda K. Han, MD, FACS, *Ft. Wayne, IN*

Breast Ultrasound as an Adjunct to the Application of

Radiotherapy in Malignant Disease

Frederick M. Dirbas, MD, FACS, *Stanford, CA*

Break

Introduction to Advanced Breast Ultrasound Application

Darius S. Francescatti, MD, FACS, *Chicago, IL*

Advancements in Lesion Localization

Richard E. Fine, MD, FACS, *Germantown, TN*

Intraoperative Margin Assessment

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Break

Hands-On Skills Lab Session

HANDS-ON LAB STATION INSTRUCTORS:

Frederick M. Dirbas, MD, FACS, *Stanford, CA*

Richard E. Fine, MD, FACS, *Germantown, TN*

Darius S. Francescatti, MD, FACS, *Chicago, IL*

Linda K. Han, MD, FACS, *Ft. Wayne, IN*

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Rache M. Simmons, MD, FACS, *New York, NY*

Course Wrap-Up and Discussion

Sponsored by the National Ultrasound Faculty

SC10 | Basic Endovascular Skills for Trauma (BEST™) Workshop

TRACK(S): TRA, VAS

4 credits, Verification Level III

Tuesday, October 24; 1:00-5:15 pm

LOCATION: Lecture: 18; Lab: 17AB

CHAIR: Megan Brenner, MD, FACS, *Baltimore, MD*

CO-CHAIR: Joseph J. DuBose, MD, FACS, FCCM, *Davis, CA*

The use of endovascular techniques for vascular control in the bleeding injured patient requires an understanding of indications and contraindications of the procedure as well as a hands-on experience using the required devices. Recent case reports have demonstrated safe and effective temporary control of hemorrhage using Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) in trauma patients with life-threatening hemorrhage below the diaphragm. The BEST™ Workshop uses simulation models and is intended to serve as an introduction to REBOA and lays the foundation for more in-depth training at the BEST™ Course.

Introduction and Welcome

Megan Brenner, MD, FACS, *Baltimore, MD*

Joseph J. DuBose, MD, FACS, FCCM, *Davis, CA*

History of REBOA and Translational Research

Jonathan J. Morrison, MB, ChB, PhD, FRCS, *Glasgow, U.K.*

Timothy K. Williams, MD, *Winston-Salem, NC*

Indications for REBOA, Clinical Algorithm,

Case Scenarios, Research

Stephen Varga, MD, FACS, *Baltimore, MD*

Jacob J. Glaser, MD, FACS, *Fort Sam Houston, TX*

Technique of REBOA, Pearls and Pitfalls

Edgardo S. Salcedo, MD, FACS, *Sacramento, CA*

Break

Introduction to Lab

Megan Brenner, MD, FACS, *Baltimore, MD*

Hands-On Skills Lab Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Jonathan L. Eliason, MD, FACS, *Ann Arbor, MI*
 Gerald R. Fortuna, MD, FACS, *St. Louis, MO*
 Charles J. Fox, MD, FACS, *Denver, CO*
 Jacob J. Glaser, MD, FACS, *Fort Sam Houston, TX*
 Melanie Hoehn, MD, *Baltimore, MD*
 Jonathan J. Morrison, MB, ChB, PhD, FRCS, *Glasgow, U.K.*
 Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*
 Todd E. Rasmussen, MD, FACS, *Fort Detrick, MD*
 Edgardo S. Salcedo, MD, FACS, *Sacramento, CA*
 Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD*
 Stephen Varga, MD, FACS, *Baltimore, MD*
 Timothy K. Williams, MD, *Winston-Salem, NC*

*Sponsored by the Advisory Council for Vascular Surgery
 and the Committee on Trauma*

SC11 | Oncoplastic Breast Surgery for the General Surgeon*

TRACK(S): GEN, ONC

7 credits, Verification Level III

Wednesday, October 25; 9:00 am-5:30 pm

LOCATION: University of San Diego, Center for the
 Future of Surgery

CHAIR: V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

CO-CHAIR: Susan K. Boolbol, MD, FACS, *New York, NY*

This course will immerse the attendee into the world of oncoplastic breast surgery and will cover both basic and advanced techniques including placement of incisions, tissue transfer, round block techniques, and reconstructive lumpectomies. The course involves both a didactic session and hands-on cadaver lab. The participant will learn how to incorporate these techniques into their practice and how to start that change immediately.

* Bus transportation will be provided to the lab at the
 Center for the Future of Surgery.

Welcome and Introduction

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

Susan K. Boolbol, MD, FACS, *New York, NY*

How to Get Started with Oncoplastic Surgery

Susan K. Boolbol, MD, FACS, *New York, NY*

Optimizing Cosmetic Outcomes for Breast Excisions

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Oncoplastic Techniques for the Upper Hemisphere of the
 Breast

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

Oncoplastic Techniques for the Lower Hemisphere of the
 Breast

Jennifer S. Gass, MD, FACS, *Providence, RI*

Partial Breast Reconstruction

Cristiano Boneti, MD, FACS, *Sunny Isles Beach, FL*

Break

Reduction Mammoplasty

Christopher C. Glaser, MD, FACS, *Owensboro, KY*

Nipple-Sparing Mastectomy

Shawna C. Willey, MD, FACS, *Washington, DC*

Expander and Implant Reconstruction: What if I Don't Have
 a Plastic Surgeon?

Cristiano Boneti, MD, FACS, *Sunny Isles Beach, FL*

Lunch

Getting Paid for What You Do

Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Wise Pattern Marking

Gail Lebovic, MD, FACS, *Frisco, TX*

Details about Hands-On Lab; Panel Discussion

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

Hands-On Skills Lab: Live Model Marking Session

Hands-On Skills Lab: Cadaver Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Cristiano Boneti, MD, FACS, *Sunny Isles Beach, FL*

Jill R. Dietz, MD, FACS, *Beachwood, OH*

Jennifer S. Gass, MD, FACS, *Providence, RI*

Christopher C. Glaser, MD, FACS, *Owensboro, KY*

Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Gail Lebovic, MD, FACS, *Frisco, TX*

Amy Rivere, MD, *New Orleans, LA*

Paul T. R. Thiruchelvam, BSc, MB, BS, PhD, FRCS, *London, U. K.*

Shawna C. Willey, MD, FACS, *Washington, DC*

*Sponsored by the Committee on Surgical Skills Training for
 Practicing Surgeons*

SC12 | Ultrasound-Guided Resuscitation for Trauma and Critically Ill Patients

TRACK(S): GEN, TRA

4 credits, Verification Level III

Wednesday, October 25; 1:00-5:15 pm

LOCATION: 15AB

CHAIR: Paula Ferrada, MD, FACS, *Richmond, VA*

CO-CHAIR: Heidi L. Frankel, MD, FACS, *Rancho Palos Verdes, CA*

The modality of ultrasound has been used effectively for early diagnosis of hemorrhage in hypotensive patients after blunt trauma. However, the role of ultrasound during resuscitation is less well-defined. This course will bring in experts from different backgrounds and focus on issues including the following:

- Early diagnosis and recognition of shock
- Role of surgical intensive care unit ultrasound during resuscitation
- New roles for ultrasound in trauma resuscitation

The course will have two components. The didactic component is composed of case-based scenarios with videos showing pathology. The hands-on portion will be dedicated to teaching the basics of obtaining cardiac and thoracic windows.

Welcome

Paula Ferrada, MD, FACS, *Richmond, VA*

Heidi L. Frankel, MD, FACS, *Rancho Palos Verdes, CA*

Physics; Hypovolemia, Right Ventricular Failure,
Left Ventricular Dysfunction, and Obstructive Shock
Paula Ferrada, MD, FACS, *Richmond, VA*

Cardiac Ultrasound Windows

Parasternal Long Cases

Molly Flannagan, MD, *Shaker Heights, OH*

Hands-On Skills Lab Session

Parasternal Short Cases

Aditi Kapil, MD, *Northampton, MA*

Hands-On Skills Lab Session

Apical Cases

Heidi L. Frankel, MD, FACS, *Rancho Palos Verdes, CA*

Hands-On Skills Lab Session

Break

Subxyphoid Cases

Jacob J. Glaser, MD, FACS, *Fort Sam Houston, TX*

Hands-On Skills Lab Session

Lung and Pleura Cases

Rachael A. Callcut, MD, MSPH, *San Francisco, CA*

Hands-On Skills Lab Session

Ultrasound in Austere Environments

Thomas W. Carver, MD, FACS, *Milwaukee, WI*

Questions and Summary

HANDS-ON SKILLS STATION INSTRUCTORS:

Rachael A. Callcut, MD, MSPH, *San Francisco, CA*

Thomas W. Carver, MD, FACS, *Milwaukee, WI*

Molly Flannagan, MD, *Mayfield Heights, OH*

Jacob J. Glaser, MD, FACS, *Fort Sam Houston, TX*

Aditi Kapil, MD, *Northampton, MA*

*Sponsored by the National Ultrasound Faculty and the
Committee on Trauma*

MEET-THE-EXPERT SESSIONS

Fee: \$15

An informal and nontraditional didactic approach is used to provide exposure to an expert in a focused clinical area. No audio-visual components or aids will be used during these sessions. Each session offers 1 Continuing Medical Education credit. Seating capacity is limited. See room numbers listed below:

Monday, October 23

1:15-2:15 pm

ME101 | Anorectal Surgery

LOCATION: 28B

TRACK(S): CRS

FACILITATED BY: Herand Abcarian, MD, FACS, *Chicago, IL*

ME102 | Antireflux Gadgets and Gimmicks

LOCATION: 25B

TRACK(S): GEN

FACILITATED BY: Brant K. Oelschlager, MD, FACS, *Seattle, WA*

ME103 | Approaches to Acute Pancreatitis

LOCATION: 24A

TRACK(S): GEN

FACILITATED BY: Grant E. O'Keefe, MD, FACS, *Seattle, WA*

ME104 | Bariatric Surgery for the General Surgeon

LOCATION: 24B

TRACK(S): GEN

FACILITATED BY: John M. Morton, MD, FACS, *Stanford, CA* and Stacy A. Brethauer MD, FACS, *Cleveland, OH*

ME105 | Be Your Own Boss: Tips for Starting Your Own Surgical Practice—Urban and Rural

LOCATION: 23B

TRACK(S): GEN, RUS

FACILITATED BY: Terah C. Isaacson, MD, FACS, *Houston, TX* and Lindsay J. Fox, MD, *Mount Shasta, CA*

ME106 | Breast Cancer Management 2017

LOCATION: 28C

TRACK(S): GEN, ONC

FACILITATED BY: Lee G. Wilke, MD, FACS, *Madison, WI*

ME107 | Critical Issues in Laparoscopic Ventral Hernia Repair

LOCATION: 28A

TRACK(S): GEN

FACILITATED BY: Karl A. LeBlanc, MD, FACS, *Baton Rouge, LA*

ME108 | Enteral Access for Nutrition

LOCATION: 23C

TRACK(S): GEN, PED, TRA

FACILITATED BY: Richard J. Hendrickson, MD, FACS, *Kansas City, MO*

ME109 | Fixation of Rib Fractures

LOCATION: 26B

TRACK(S): GEN, TRA

FACILITATED BY: Thomas K. Varghese, Jr., MD, FACS, *Salt Lake City, UT*

ME110 | From Risk Calculators to Decision Aids: Revolutionizing Surgical Decision Making

LOCATION: 25C

TRACK(S): ETH, EDU

FACILITATED BY: Margaret L. Schwarze, MD, FACS, *Madison, WI*, and David R. Urbach, MD, FACS, *Toronto, ON*

ME111 | Genitourinary Trauma

LOCATION: 27A

TRACK(S): URO, TRA

FACILITATED BY: Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

ME112 | Medullary Thyroid Cancer: What You Need to Know

LOCATION: 23A

TRACK(S): GEN, OTO, ONC

FACILITATED BY: Douglas B. Evans, MD, FACS, *Milwaukee, WI* and Tracy S. Wang, MD, FACS, *Milwaukee, WI*

ME113 | Minimally Invasive Parathyroidectomy: How I Do It

LOCATION: 24C

TRACK(S): GEN, OTO

FACILITATED BY: Herbert Chen, MD, FACS, *Birmingham, AL*

ME114 | Operation Giving Back

LOCATION: 25A

TRACK(S): HUM

FACILITATED BY: Girma Tefera, MD, FACS, *Madison, WI*

ME115 | The Role of Damage Control in Emergency Surgery

LOCATION: 26A

TRACK(S): TRA

FACILITATED BY: Gregory P. Victorino, MD, FACS, *Oakland, CA*; Zsolt J. Balogh, MD, FACS, *Newcastle, Australia*; and Rajan Gupta, MD, FACS, *New Brunswick, NJ*

Tuesday, October 24

11:30 am-12:30 pm

ME201 | Abdominal Compartment Syndrome (ACS)

LOCATION: 25B

TRACK(S): GEN

FACILITATED BY: Demetrios Demetriades, MD, FACS, *Los Angeles, CA*

ME202 | Anorectal: Abscesses and Fistulae

LOCATION: 26B

TRACK(S): CRS

FACILITATED BY: Alessandro Fichera, MD, FACS, *Seattle, WA*

ME203 | Approaches to Nipple-Sparing Mastectomy

LOCATION: 26A

TRACK(S): GEN, ONC

FACILITATED BY: Jay K. Harness, MD, FACS, *Orange, CA*

ME204 | Efficient and Safe Use of Electronic Health Records in the Surgical Practice

LOCATION: 24A

TRACK(S): INFO, HP

FACILITATED BY: David R. Hunt, MD, FACS, *Washington, DC*

ME205 | Choosing the Right Patient for Intraperitoneal Chemotherapy

LOCATION: 24C

TRACK(S): GEN

FACILITATED BY: Garrett M. Nash, MD, FACS, *New York, NY*

ME206 | Is That Big Data or Just a Lot of Data? Using Large Databases for Outcomes Research

LOCATION: 25A

TRACK(S): BTR, EDU

FACILITATED BY: Nancy N. Baxter, MD, FACS, *Toronto, ON*

ME207 | How to Manage Le Forte Fractures

LOCATION: 23A

TRACK(S): OTO, TRA

FACILITATED BY: Andrew N. Goldberg, MD, MSCE, FACS, *San Francisco, CA*

ME208 | Informatics for Managing Surgical Workflow

LOCATION: 23C

TRACK(S): INFO, HP

FACILITATED BY: T. Forcht Dagi, MD, FACS, *Newton Centre, MA*

ME209 | Laparoscopic Colectomy: Tips and Tricks

LOCATION: 28C

TRACK(S): GEN

FACILITATED BY: Peter W. Marcello, MD, FACS, *Burlington, MA*

ME210 | Making Thyroid Surgery Simple

LOCATION: 28A

TRACK(S): OTO, GEN

FACILITATED BY: Quan-Yang Duh, MD, FACS, *San Francisco, CA* and Gregory W. Randolph, MD, FACS, *Boston, MA*

ME211 | New Concepts in Breast Cancer

LOCATION: 28B

TRACK(S): ONC

FACILITATED BY: Lisa A. Newman, MD, FACS, *Detroit, MI*

ME212 | Pediatric Urology

LOCATION: 23B

TRACK(S): PED, URO

FACILITATED BY: David A. Bloom, MD, FACS, *Ann Arbor, MI*

ME213 | Positioning Your Cancer Program for Cancer Accreditation

LOCATION: 27A

TRACK(S): ONC

FACILITATED BY: Mary J. Milroy, MD, FACS, *Yankton, SD* and Peter S. Hopewood, MD, FACS, *Falmouth, MA*

ME214 | Sports Hernia: Is It Real?

LOCATION: 25C

TRACK(S): GEN

FACILITATED BY: L. Michael Brunt, MD, FACS, *St. Louis, MO*

ME215 | Surgical Management of Chest Wall Deformities

LOCATION: 24B

TRACK(S): CTS, PED

FACILITATED BY: Gary W. Raff, MD, FACS, *Sacramento, CA*

Wednesday, October 25

11:30 am-12:30 pm

ME301 | Addressing Chronic Pain following Inguinal Hernia Repair

LOCATION: 28A

TRACK(S): GEN

FACILITATED BY: John B. Hanks, MD, FACS, *Charlottesville, VA* and Katherine G. Lamond, MD, FACS, *Baltimore, MD*

ME302 | Early Postoperative Cholecystectomy Pain

LOCATION: 27A

TRACK(S): GEN, EDU

FACILITATED BY: Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

ME303 | Complex Abdominal Trauma

LOCATION: 28B

TRACK(S): TRA

FACILITATED BY: David V. Feliciano, MD, FACS, *Indianapolis, IN*

ME304 | Evaluation and Management of Pancreatic Cyst

LOCATION: 24A

TRACK(S): GEN

FACILITATED BY: Christian M. Schmidt, MD, FACS, *Indianapolis, IN***ME305 | Evidence-Based Treatment of Incisional Hernia**

LOCATION: 28C

TRACK(S): GEN

FACILITATED BY: Jose J. Diaz, MD, FACS, *Baltimore, MD***ME306 | Cancer Care Delivery Research and the National Cancer Institute (NCI) Community Oncology Research Program**

LOCATION: 23A

TRACK(S): BTR, ONC

FACILITATED BY: George J. Chang, MD, FACS, *Houston, TX* and Heather B. Neuman, MD, FACS, *Madison, WI***ME307 | Integrating New Technology into Practice**

LOCATION: 23C

TRACK(S): EDU, INFO

FACILITATED BY: Yuman Fong, MD, FACS, *Duarte, CA***ME308 | Management of Esophageal Perforations and Esophageal Leaks**

LOCATION: 24B

TRACK(S): GEN

FACILITATED BY: Richard K. Freeman, MD, MBA, FACS, *Indianapolis, IN***ME309 | Management of the Axilla in T1 or T2 Breast Cancer**

LOCATION: 26B

TRACK(S): ONC, VAS

FACILITATED BY: Eric B. Whitacre, MD, FACS, *Tucson, AZ***ME310 | Necrotizing Soft-Tissue Infections**

LOCATION: 24C

TRACK(S): GEN

FACILITATED BY: Eileen M. Bulger, MD, FACS, *Seattle, WA***ME311 | New Targeted Therapies for Thyroid Cancer**

LOCATION: 25C

TRACK(S): GEN, OTO, ONC

FACILITATED BY: Douglas L. Fraker, MD, FACS, *Philadelphia, PA***ME312 | Peritoneal Dialysis Catheters: Tips and Tricks**

LOCATION: 25A

TRACK(S): GEN

FACILITATED BY: M. Timothy Nelson, MD, FACS, *Albuquerque, NM***ME313 | The Art and Science of Sacral Nerve Stimulation**

LOCATION: 23B

TRACK(S): NEU, GEN

FACILITATED BY: Steven Teich, MD, FACS, *Charlotte, NC*; Seth A. Alpert, MD, FACS, *Columbus, OH*; and Brooke H. Gurland MD, FACS, *Cleveland, OH***ME314 | The Difficult Gallbladder: Tricks of the Trade**

LOCATION: 26A

TRACK(S): GEN

FACILITATED BY: Nathaniel J. Soper, MD, FACS, *Chicago, IL***ME315 | Treatment Options for Anal Fissure**

LOCATION: 25B

TRACK(S): CRS

FACILITATED BY: Amir L. Bastawrous, MD, FACS, *Seattle, WA*

Town Hall Meetings

Town Hall Meetings provide a forum to provide informal discussion about issues relevant to the Fellows of the American College of Surgeons (ACS) as well as to address specific topics and areas of concern identified by the Advisory Councils and governing committees of the ACS. To maintain the informal atmosphere, audio/visual is not provided and no formal presentations are made. These meetings are scheduled 7:00 to 7:45 am, Tuesday through Thursday of the Clinical Congress. Attendance is included at no extra charge with a paid meeting registration. (Continuing Medical Education credit hours are not offered.)

Tuesday, October 24

7:00-7:45 am

TH01 | ACS Strong for Surgery

LOCATION: 6E

TRACK(S): GEN

MODERATOR: Thomas K. Varghese, Jr., MD, FACS, Salt Lake City, UT

A patient's risk for negative outcomes is often predetermined based on their risk characteristics, but that risk is also potentially modifiable in the days and weeks leading up to an operation. While much of the focus of quality improvement initiatives is on in-hospital care, surgeons also have an opportunity to reduce complications by adopting a standardized approach to patient optimization before hospitalization. The evidence supporting preoperative optimization related to smoking cessation, nutrition, medication management, and glucose homeostasis will be reviewed and attendees will be given step-by-step guidelines for implementing effective office-based risk reducing strategies. The session will highlight the American College of Surgeons Strong for Surgery initiative, a program that brings preoperative checklists to physicians' offices to improve clinical outcomes and keep surgeons ahead of the quality initiative curve.

Sponsored by the Division of Research and Optimal Patient Care and the Surgical Research Committee

TH02 | ACS NSQIP® Surgical Care and Recovery Program and Protocols

LOCATION: 7AB

TRACK(S): EDU, GEN

MODERATOR: Bruce L. Hall, MD, PhD, MBA, FACS, St. Louis, MO
CO-MODERATORS:

Pierre F. Saldinger, MD, FACS, Flushing, NY

Clifford Y. Ko, MD, MS, MSHS, FACS, Chicago, IL

This Town Hall Meeting will share how hospitals can improve surgical quality through participation in the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) and the Agency for

Healthcare Research and Quality Safety Program for Improving Surgical Care and Recovery (ISCR).

ACS NSQIP is a multispecialty, validated, risk-adjusted outcomes database that promotes quality improvement. ISCR, a collaborative program between ACS and Johns Hopkins Medicine Armstrong Institute for Patient Safety and Quality, uses ACS NSQIP methodology and protocols to improve clinical outcomes through the implementation of enhanced recovery pathways.

A group discussion will be included in this session.

Sponsored by the Division of Research and Optimal Patient Care

TH03 | Residency Redesign: Where Are We Headed?

LOCATION: 6B

TRACK(S): EDU, RES-MED

MODERATOR: Mary E. Klingensmith, MD, FACS, St. Louis, MO

CO-MODERATOR: Paula M. Termuhlen, MD, FACS, Duluth, MN

PANELISTS:

Rebecca L. Hoffman, MD, Philadelphia, PA

Afif N. Kulaylat MD, Hershey, PA

Key stakeholders from the Residency Review Committee for Surgery, the American Board of Surgery, the Association of Program Directors in Surgery, and the American College of Surgeons have come together to discuss the challenges and benefits of changing residency training. Consideration of competency-based modules, integration of entrustable professional activities, and emphasis on transition into residency and into practice are part of the redesign plan. This Town Hall seeks to hear from the membership regarding their thoughts and concerns about this topic.

Sponsored by the Scientific Forum Committee and by the Resident and Associate Society

TH04 | Operating, Teaching, and Research: How Do I Strike the Balance?

LOCATION: 5AB

TRACK(S): HP, RES-MED

MODERATOR: Herbert Chen, MD, FACS, Birmingham, AL

PANELISTS:

Gregory D. Kennedy, MD, PhD, FACS, Madison, WI

George P. Yang, MD, PhD, FACS, Stanford, CA

Rachel R. Kelz, MD, FACS, Philadelphia, PA

Traditional academic surgeons are supposed to be a "triple threat." With growing emphasis to achieve excellence in surgery, teaching, and research, young surgeons are faced with the dilemma of how to achieve balance between all three of these necessary elements. Young surgeons need to get advice from experienced academic surgeons, as to what should be the primary and secondary goals for academic surgeons and how we can achieve success in becoming true, triple-threat academic surgeons.

Sponsored by the Young Fellows Association and by the Resident and Associate Society

TH05 | Industry Bias in Surgical Research

LOCATION: 2

TRACK(S): EDU, ETH, GEN

MODERATOR: Traci L. Hedrick, MD, FACS, FACRS, Charlottesville, VA

CO-MODERATOR: Leigh A. Neumayer, MD, FACS, Tucson, AZ

Reproducibility is the pillar of medical research and scientific principle. Yet, there are growing concerns surrounding the irreproducibility in published medical literature. One contributor to bias in the field of medicine is the reliance on industry for research funding. This Town Hall examines industry influence and discusses the implications of industry sponsorship in surgery. Areas of focus include the influence of industry in the study of perioperative immunonutrition, goal-directed fluid therapy, and robotic surgery.

Sponsored by the Committee on Perioperative Care and the Surgical Research Committee

TH06 | How to Work Effectively with Your Boss: How to Manage Up

LOCATION: 6D

TRACK(S): HP, RES-MED

MODERATOR: David T. Cooke, MD, FACS, Sacramento, CA

CO-MODERATOR: Maya A. Babu, MD, MBA, Rochester, MN

Many young surgeons are in a position to choose a job, however, they may not necessarily choose their direct boss. One of the challenges of being a young surgeon is learning how to navigate difficult situations where your direct supervisor may not have your best interests at heart. This Town Hall is intended to provide guidance to young surgeons on how to manage-up and create a healthy work environment in order to become successful.

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH07 | The Alphabet Soup of the Merit-based Incentive Payment System (MIPS) and How You Can Avoid a Penalty

LOCATION: 1AB

TRACK(S): HP, RES-MED

MODERATOR: Patrick V. Bailey, MD, FACS, FAAP, Washington, DC

CO-MODERATOR: Nicolas J. Mouawad, MD, MPH, MBA, Bay City, MI

In the transition from fee-for-service to value-based medicine brought forth by the Affordable Care Act, physician reimbursement has drastically changed. With the repeal of the sustainable growth rate and passage of the Medicare Access and CHIP (Children's Health Insurance Program) Reauthorization Act (also known as MACRA) there is a lack of knowledge, particularly in young physicians, on how this will affect their livelihoods. This Town Hall will discuss quality metrics (such as the Physician Quality Reporting System, and the qualified clinical data registry), the Merit-based Incentive Payment System (also known as MIPS) and the Advanced Alternative Payment Models, which will help prepare the workforce for the changes at hand.

Sponsored by the Young Fellows Association and the Resident and Associate Society

Wednesday, October 25

7:00-7:45 am

TH08 | Difficult Dialogues: The Challenges of Caring for Dying Patients

LOCATION: 6E

TRACK(S): ETH, GER

MODERATOR: Timothy R. Siegel, MD, FACS, Arlington, VA

CO-MODERATOR: Scott B. Grant, MD, MBE, New Brunswick, NJ

As patients live longer and medical technology advances, surgeons are increasingly faced with caring for patients at the end of life who present with surgical problems—for example, frail elderly patients with traumatic injury or young patients with malignant small bowel obstruction. Many forces promote surgical intervention in this setting which might not be in the patient's best interest, including requests from referring physicians, emotional pleas from family, and failure to communicate prognostic information throughout the continuum of care. We invite surgeons to discuss the challenges in their own clinical practice with these difficult discussions and decisions in this Town Hall. Surgeons are encouraged to tell their own stories so we can explore these issues as they directly affect clinical practice.

PANELISTS:

Nadine B. Semer, MD, MPH, FACS, Venice, CA

Emily Burke Rivet, MD, FACS, Richmond, VA

Sponsored by the Committee on Ethics and the Committee on Surgical Palliative Care

TH09 | The Chief Medical Officer (CMO) Position: Surgeons as Leaders

LOCATION: 7AB

TRACK(S): HP, RES-MED

MODERATOR: Shamly V. Dhiman, MD, FACS, Rock Hill, SC

CO-MODERATOR: Carlos A. Pellegrini, MD, FACS, FRCS(Hon), FRCS(Hon), FRCSEd(Hon), Seattle, WA

Many health systems are getting rid of their CMOs because of the cost to keep them. How can physicians maintain their presence and voice in an administration that excludes them? Graduating surgeons entering this environment must attend to administrative duties in addition to traditional clinical roles. This session will explore ways in which the CMO position may need to evolve in order to maintain relevance in the changing health care environment.

Sponsored by the Young Fellows Association

TH10 | The SSR for the Practicing Surgeon

LOCATION: 1AB

MODERATOR: Mark A. Malangoni, MD, FACS, Philadelphia, PA

CO-MODERATOR: Frank G. Opelka, MD, FACS, Washington, DC

TRACK(S): EDU, GEN, HP

The American College of Surgeons (ACS) Surgeon Specific Registry (SSR) is an online software application and database that allows surgeons to track their cases and outcomes in a convenient, easy-to-use manner from their computer or

mobile device. The SSR enables surgeons not only to log and keep track of their cases, but also to participate in an increasing number of regulatory programs for the individual health care professional. It is becoming widely recognized that a database specific for surgeons is needed for a variety of different initiatives, including the Centers for Medicare & Medicaid Services Physician Quality Reporting System, various boards of surgery, and other regulatory items. At the conclusion of the session, there will be an opportunity for questions and answers.

Sponsored by the Division of Research and Optimal Patient Care

TH11 | No One Else Is Working 36 Hours in a Row: Maintaining Wellness Through Work-Life Balance

LOCATION: 5AB

TRACK(S): TRA, HP

MODERATOR: Nicole A. Stassen, MD, FACS, *Rochester, NY*

CO-MODERATOR: Amy E. Liepert, MD, FACS, *Madison, WI*

In the era of increasing surgical subspecialization and the emergence of graduates trained entirely within the 80-hour duty restrictions, surgeons responding to emergencies are the few remaining specialists who routinely work more than 24 hours in a row. This Town Hall will discuss strategies to optimize performance and wellness under these conditions through an interactive presentation with experts in sleep hygiene, time management, and physician disclosure.

Sponsored by the Committee on Trauma and the Young Fellows Association

TH12 | Fellowship and Beyond: How to Find a Job

LOCATION: 6D

TRACK(S): GEN, INT, RES-MED

MODERATOR: Cynthia D. Downard, MD, FACS, *Louisville, KY*

CO-MODERATOR: Keith A. Delman, MD, FACS, *Atlanta, GA*

PANELIST: Glenn T. Ault, MD, FACS, *Los Angeles, CA*

More than 80 percent of general surgery residents currently pursue fellowship training after completion of their general surgery residency. Many fellowship programs are quite competitive, and it is important to put your best foot forward to have a successful application, interview, and match. This session is designed to directly address the practical questions associated with fellowship applications: How do you put together the best application? What do you wear for interviews? How does one prepare for the interview process? What should your letters of recommendation include? How should you craft the perfect personal statement? How important are American Board of Surgery In-Training Examination (ABSITE) scores? Is it ever permissible to discuss money, religion, or politics?

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH13 | The American College of Surgeons Children's Surgery Verification Quality Improvement Program Update

LOCATION: 2

TRACK(S): EDU, GEN, PED

MODERATOR: Keith T. Oldham, MD, FACS, *Milwaukee, WI*

CO-MODERATORS:

Mary E. Fallat, MD, FACS, *Louisville, KY*

Constance S. Houck, MD, *Boston, MA*

The American College of Surgeons Children's Surgery Verification Quality Improvement Program was developed to improve surgical care for children surgical patients. The ACS Task Force for Children's Surgery developed the Pre-Review Questionnaire (PRQ) and Optimal Resource Standards from 2012 through 2014. Subsequently, after the successful pilot in 2015, the standards and PRQ received a thorough revision. The final standards, PRQ, and program resources are available on the ACS website. This Town Hall aims to provide information to surgeons of all specialties regarding the goals of the program and anticipated changes for ACS National Surgical Quality Improvement Program (also known as ACS NSQIP®) Pediatric and CSV that will be instituted to improve the quality of care delivered. A discussion and question/answer period are included in this session.

Sponsored by the Division of Research and Optimal Patient Care and the Advisory Council for Pediatric Surgery

TH14 | Women Surgeons Across the Globe: Individual and Common Challenges

LOCATION: 6B

TRACK(S): INT, RES-MED

MODERATOR: Daniela Molena, MD, FACS, *New York, NY*

CO-MODERATOR: Kazumi Kawase, MD, FACS, *Tokyo, Japan*

The goal of this session is for an international panel of women surgeons to bring to the table their different perspectives regarding choosing surgery as a career, issues regarding advancement, and how to combine the challenges of a career and family.

PANELISTS:

Daniela Molena, MD, FACS, *New York, NY*

Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Kazumi Kawase, MD, FACS, *Tokyo, Japan*

Sponsored by the Women in Surgery Committee and the International Relations Committee

TH21 | Why Maintenance of Certification?

LOCATION: 3

TRACK: HP

MODERATORS

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

J. Patrick Walker, MD, FACS, *Crockett, TX*

This Town Hall Meeting will explore the pros and cons of Maintenance of Certification (MOC) programs as administered by the American Board of Surgery and the American Board of Medical Specialties. This session will also include an update on legislative issues across the U.S. as they relate to MOC.

Sponsored by the Board of Governors Executive Committee

Thursday, October 26

7:00-7:45 am

TH15 | An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)

LOCATION: 5AB

TRACK(S): EDU, GEN

MODERATOR: Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*
CO-MODERATOR: David A. Provost, MD, FACS, *Denton, TX*

The Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP), a unified program of the American College of Surgeons and the American Society of Metabolic and Bariatric Surgery, will be reviewed to include standards of participation, verification elements of the program, and data registry expectations. Through its accredited centers, MBSAQIP participates in collaborative, quality-based work on a national level, inclusive of projects to decrease readmissions and enhanced recovery programs focused on patient experience measures. Benefits of participating in the MBSAQIP include a process for quality improvement, and the ability to track outcomes with the bariatric-specific longitudinal outcomes database. A discussion and question/answer period will be included in this session, hosted by the surgeon committee oversight group of the MBSAQIP.

Sponsored by the Division of Research and Optimal Patient Care

TH16 | Career Changes: What to Anticipate

LOCATION: 6D

TRACK(S): HP, RES-MED, RUS

MODERATOR: James R. Korndorffer, Jr., MD, FACS, *New Orleans, LA*

CO-MODERATOR: David A. Santos, MD, FACS, *Houston, TX*

After they complete their training, many young surgeons switch from academic surgery to community practice and vice-versa within their first five years of practice. Economic pressures, a lack of alignment between career choice and the young surgeon, and evolving career goals can all play a role in these decisions. This panel features surgeons who have made these changes and highlights any unexpected challenges they faced at this early stage in their careers. The panel also presents options for those still looking to "find their place."

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH17 | Managing Your Online Reputation

LOCATION: 6B

TRACK(S): GEN, RES-MED

MODERATOR: Sean J. Langenfeld, MD, FACS, FASCRS, *Omaha, NE*

CO-MODERATOR: Andrew S. Wright, MD, FACS, *Seattle, WA*

This panel explores the issues surrounding the online presence of a physician, considerations for privacy, and how to develop an effective practice website. As young surgeons develop their reputation, practice, and business model, it is key in the information age to understand how to navigate the Internet and one's online presence.

Sponsored by the Young Fellows Association and the Resident and Associate Society

TH18 | Alternative Payment Models: Value-Based Care and Bundle Payment Models

LOCATION: 2

TRACK(S): CTS, HP

MODERATOR: John E. Mayer, MD, FACS, *Boston, MA*

CO-MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

Since implementation of the Affordable Care Act, multiple innovations in the delivery and reimbursement of health care have been proposed. This Town Hall will explore the current models for value-based care, bundle payment, readmission penalties, and other compensation pathways.

Sponsored by the Advisory Council for Cardiothoracic Surgery

TH19 | Reducing Malpractice Risk: The Benefits of Early Disclosure, Apology, and Resolution

LOCATION: 1AB

TRACK(S): ETH, HP

MODERATOR: Richard I. Whyte, MD, FACS, *Boston, MA*

CO-MODERATOR: Roger R. Dmochowski, MD, FACS, *Nashville, TN*

An increasing number of institutions have adopted a policy of early disclosure of medical errors, in combination with issuing an apology and financial resolution. Such an approach has led to reductions in medical liability payment in both numbers of claims and total payments. This approach to risk management was promulgated by the University of Michigan, later adopted by Stanford University, and has now become accepted in a number of Massachusetts hospitals. Although the approach varies by institution and by state, it is gaining increasing acceptance across the country as a mechanism to address liability exposure. This Town Hall Meeting introduces participants to this approach and facilitates discussion on alternative methods of dispute resolution in the context of malpractice risk management.

Sponsored by the Committee on Ethics

**TH20 | Communication Across the Generations:
How to Hire the Best and the Brightest**

LOCATION: 7AB

TRACK(S): EDU, HP

MODERATOR: Diana L. Farmer, MD, FACS, FRCS,
Sacramento, CA

CO-MODERATOR: Shannon N. Acker, MD, *Denver, CO*

The surgical workforce is changing. The 80-hour workweek is here to stay, and more young surgeons are women. Many young surgeons are choosing fellowship training for a variety of reasons. The work-life balance expectations of these young surgeons may be perceived to be at odds with the demands of a surgical career. This session provides senior surgeons looking to expand their practice or hire new faculty with insight into the next generation, and ultimately, how to recruit the best and brightest.

Sponsored by the Women in Surgery Committee and the Resident and Associate Society

PANEL SESSIONS

Sunday, October 22

PS001 | 7:00 am-4:30 pm

Excelsior Surgical Society: Achieving Surgical Readiness: Where Are We Now and Where Are We Going?

LOCATION: Manchester Grand Hyatt, Grand Hall C

TRACK(S): GEN, TRA

MODERATOR: CAPT Eric A. Elster, MD, FACS, *Bethesda, MD*

CO-MODERATOR: M. Margaret Knudson, MD, FACS, *San Francisco, CA*

The U.S. Department of Defense Military Health System and the American College of Surgeons formed a strategic relationship in 2014, officially known as the Military Health System Strategic Partnership American College of Surgeons (MHSSPACS). The mission of the MHSSPACS is to provide more comprehensive and advanced surgical education for all military surgeons. In order to maximize the potential of this partnership, the Excelsior Surgical Society was reestablished in 2015 as a mechanism to foster ties between civilian and military surgeons at the annual ACS Clinical Congress. The Excelsior Surgical Society will leverage the lessons learned and currently being learned as we move forward in the 21st century.

The theme of this year's Panel Session is Achieving Surgical Readiness: Where Are We Now and Where Are We Going? and will feature a panel of military surgical consultants, prominent surgeons, and the Third Fleet Surgeon of the U.S. Navy. The scholarly forum will include the military's Region 13 Trauma Paper Competition and a wide variety of abstract presentations with the aim of showcasing the best surgical research performed in the U.S. military. Attendees will have the opportunity to meet with surgical leaders and fellowship program directors in the civilian sector. The Army Major John P. Pryor Lecture will be delivered as the keynote address.

State of the Excelsior Surgical Society
CAPT Eric A. Elster, MD, FACS, *Bethesda, MD*

Achieving Surgical Readiness
CAPT Jose A. Acosta, MD, FACS, *San Diego, CA*
CAPT Paul Antony, MD, MPH, *Sarasota, FL*
COL Mary J. Edwards, MD, FACS, *San Antonio, TX*
J. David Richardson, MD, FACS, *Louisville, KY*
COL James B. Sampson, MD, FACS, *Travis, CA*
CAPT Craig D. Shepps, MD, FACS, *Chesapeake, VA*

Committee on Trauma—Region 13 Competition
COL Jeffrey A. Bailey, MD, FACS, *Bethesda, MD*

Informal Lunch Session

COL James B. Sampson, MD, FACS, *Travis, CA*
CAPT Craig D. Shepps, MD, FACS, *Chesapeake, VA*
COL Mary J. Edwards, MD, FACS, *San Antonio, TX*

Army Major John P. Pryor Lecture
John B. Holcomb, MD, FACS, *Houston, TX*

Military Surgery Abstract Presentations
COL Robert B. Lim, MD, FACS, FASMBS, *Honolulu, HI*
CAPT Gordon G. Wisbach, MD, MBA, FACS, *San Diego, CA*
CAPT Romero C. Ignacio, MD, FACS, *San Diego, CA*

Town Hall Session
CAPT Eric A. Elster, MD, FACS, *Bethesda, MD*

Sponsored by the Military Health System Strategic Partnership American College of Surgeons

PS002 | 3:00-5:30 pm

Resident and Associate Society Symposium: Reframing Surgical Leadership in 2017: Surgeon-Scientist or Surgeon-Advocate?

LOCATION: San Diego Convention Center, Room 3

TRACK(S): RES/MED

FACILITATOR: Naveen F. Sangji, MD, *Boston, MA*

During this session, both young surgeons and experienced surgeons will debate the following: given the increasing regulatory environment, which is leading to diminished autonomy in the operating room and in patient care, how do surgeons best fit into the new paradigm for the care of our patients and for the health of society in general? What does surgical leadership look like in the future? Should we strive to have more of a say in the policies that govern our environments and/or overall health care delivery? Or do we best serve our patients by focusing on the more traditional model of delivering high-quality surgical care and participating in surgical research and innovation, leaving policymaking to the experts?

Introduction
David A. Spain, MD, FACS, *Stanford, CA*

Current State of Leadership in Surgery
David A. Spain, MD, FACS, *Stanford, CA*

Surgeon-Scientist: Resident Presentation
Jeffrey Howard, MD, *Louisville, KY*

Surgeon-Advocate: Resident Presentation
Ciara Huntington, MD, *Charlotte, NC*

Surgeon-Scientist: Faculty Presentation
Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Surgeon-Advocate: Faculty Presentation
Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

Sponsored by the Resident and Associate Society

Monday, October 23

PS100 | 9:45-11:15 am

Inguinal Hernia Repair: Laparoscopic or Robotic: Does It Matter?



LOCATION: 20A

TRACK(S): GEN, RUS

MODERATOR: Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

CO-MODERATOR: Conrad Ballecer, MD, FACS, *Peoria, AZ*

Minimally invasive repairs of inguinal hernias are changing. The current techniques of transabdominal and totally extra-peritoneal laparoscopic inguinal hernia repairs are being challenged by robotic techniques. What is the evidence that the robotic approach is equivalent or superior? The panelists will discuss and illustrate the various techniques and outcomes.

The Ten Commandments of Minimally Invasive Surgery (MIS) Inguinal Hernia Repair

Edward L. Felix, MD, FACS, *Santa Maria, CA*

Lap Transabdominal Pre-Peritoneal (TAPP):

How I Do It and Why?

Jacob A. Greenberg, MD, FACS, *Madison, WI*

With All That's Out There, I Always Come Back to Lap Total Extra-Peritoneal (TEP)

Brian P. Jacob, MD, FACS, *New York, NY*

How Robotics Has Changed the Paradigm: Experience from a Previous Open Heart Surgeon

Eugene O. Dickens, MD, FACS, *Tulsa, OK*

European Guidelines for Inguinal Hernia Repair: Is There Room for Robots?

David C. Chen, MD, FACS, *Los Angeles, CA*

Challenging Environmental, Health, and Safety Guidelines: Confessions from an Experienced Laparoscopic Surgeon

Igor Belyansky, MD, FACS, *Annapolis, MD*

Americas Hernia Society Quality Collaborative and Inguinal Hernia Repair: Why We Need to Capture this Data?

Benjamin K. Poulose, MD, MPH, FACS, *Nashville, TN*

Laparoscopic vs. Robotic Inguinal Hernia Repair: Early Observations from a Randomized Clinical Trial

Michael J. Rosen, MD, FACS, *Solon, OH*

Sponsored by the Advisory Council for General Surgery and the International Relations Committee

PS101 | 9:45-11:15 am

Controversies in the Management of Complicated Diverticulitis



LOCATION: Hall F

TRACK(S): CRS, GEN, TRA

MODERATOR: Eric J. Dozois, MD, FACS, *Rochester, MN*

CO-MODERATOR: Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

Defining the most appropriate role for surgical intervention in patients with diverticulitis continues to be a source of great debate. In the setting of acute complicated diverticulitis, continued nonoperative management, percutaneous

drainage and surgery may all be considered. When operative intervention is necessary, the surgeon must make another set of decisions, including open versus laparoscopic approach, resectional surgery versus drainage, and the need for an intestinal stoma. This session will address these evolving controversies.

Introduction

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

Lavage vs. Resection for Hinchey III: What Is the Evidence?

John Migaly, MD, FACS, FASCRS, *Durham, NC*

Wait and Watch or Operate after Successful Percutaneous Drainage of Diverticular Abscess?

David J. Maron, MD, MBA, FACS, FASCRS, *Weston, FL*

Hartmann's vs. Primary Anastomosis vs. Primary Anastomosis and Proximal Diversion at Time of Emergency Surgery for Complicated Diverticulitis

Tracy L. Hull, MD, FACS, *Cleveland, OH*

Do Endoluminal Stents Improve Overall Outcomes in Diverticular Disease Related Obstructions?

Elisabeth (Lisa) C. McLemore, MD, FACS, FASCRS, *Los Angeles, CA*

Is Smoldering Diverticulitis Really Complicated Diverticulitis?

Ron G. Landmann, MD, FACS, FASCRS, *Jacksonville, FL*

Case Presentations and Discussion: What Would You Do?

Eric J. Dozois, MD, FACS, *Rochester, MN*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS102 | 9:45-11:15 am

Pelvic Masses in the Pediatric Patient



LOCATION: 3

TRACK(S): GEN, OBG, PED

MODERATOR: Mitchell I. Edelson, MD, FACS, *Abington, PA*

CO-MODERATOR: Mary E. Fallat, MD, FACS, *Louisville, KY*

Female pediatric patients who are found to have pelvic masses need an appropriate evaluation and treatment plan. While most of these masses are gynecologic, some may be from other organ systems. This panel session will integrate surgeons and radiologists to help formulate an organized approach to addressing these masses.

Introduction/Introduction of Speakers

Mitchell I. Edelson, MD, FACS, *Abington, PA*

Mary E. Fallat, MD, FACS, *Louisville, KY*

Making the Case for Ovarian Sparing Surgery

Katherine J. Deans, MD, FACS, *Columbus, OH*

Management of Ovarian Tumors

Saketh R. Guntupalli, MD, FACS, *Aurora, CO*

Management of Benign Extra Ovarian Reproductive Tract Conditions Encountered in the Operating Room

Claire Templeman, MD, *Los Angeles, CA*

Sponsored by the Advisory Council for Gynecology and Obstetrics and the Advisory Council for Pediatric Surgery

PS103 | 9:45-11:15 am**Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2017 Volunteerism and Humanitarian Award Recipients**

LOCATION: 1AB

TRACK(S): HUM

MODERATOR: Frank W. Sellke, MD, FACS, *Providence, RI*CO-MODERATOR: David A. Spain, MD, FACS, *Stanford, CA*

This plenary session showcases the 2017 Volunteerism and Humanitarian Award Recipients who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. The honorees' stories will be complemented by presentations from other innovators and leaders in surgical outreach to create a robust portrayal of this complex work. Together, these presentations will form the basis for a lively question-and-answer segment at the conclusion of the session.

Welcoming Remarks

Girma Tefera, MD, FACS, *Madison, WI*

Thanks on Behalf of Pillar/Board of Governors

Francis D. Ferdinand, MD, FACS, *Wynnewood, PA*

Overview of Awards

Frank W. Sellke, MD, FACS, *Providence, RI*

Introduction of Resident Awardee

David A. Spain, MD, FACS, *Stanford, CA*

Introduction of Military Awardee

Frank W. Sellke, MD, FACS, *Providence, RI*

Introduction of International Awardee

David A. Spain, MD, FACS, *Stanford, CA*

Introduction of Humanitarian Awardee I

Frank W. Sellke, MD, FACS, *Providence, RI*

Introduction of Humanitarian Awardee II

David A. Spain, MD, FACS, *Stanford, CA*

Questions and Answers

Frank W. Sellke, MD, FACS, *Providence, RI*

Sponsored by the Operation Giving Back and the Board of Governors Surgical Volunteerism and Humanitarian Awards Workgroup

PS104 | 9:45-11:15 am**The Gut Microbiome: Implications for Surgical Complications**

LOCATION: 20D

TRACK(S): EDU, GEN

MODERATOR: John C. Alverdy, MD, FACS, *Chicago, IL*CO-MODERATOR: Heidi Nelson, MD, FACS, *Rochester, MN*

Increasing evidence demonstrates that the gut plays a large role in immunology, glycemic control, and infectious complications. The effect of the gut upon Glucagon-like peptide (GLP), ghrelin, leptin, and microbiome for obesity and diabetes is well documented but not well disseminated. The gut microbiome has been seen to have potential affect on infectious complications as well.

Concepts and Methods of Microbial Sequencing to Understand and Prevent Surgical Site Infections

Andrew Yeh, MD, *Pittsburgh, PA*

Does the Character of the Intestinal Microbiome Influence Anastomotic Leak Rates?

Benjamin D. Shogan, MD, *Chicago, IL*

Consideration of the Intestinal Microbiome When Planning Surgery for Patients with Inflammatory Bowel Disease

Neil H. Hyman, MD, FACS, *Chicago, IL*

Personalized Nutrition, Its Effect on the Microbiome and Its Influence on Surgical Outcomes

Nicholas Chia, PhD, *Rochester, MN*

Sponsored by the Advisory Council for General Surgery and the Bariatric Advisory Committee

PS105 | 9:45-11:15 am**Antibiotic Stewardship: The Key to Avoiding the Loss of Effective Antibiotics in Surgery: Part I**

LOCATION: 6D

TRACK(S): CRS, EDU, GEN

MODERATOR: Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

CO-MODERATOR: David C. Borgstrom, MD, FACS,

Cooperstown, NY

The loss of effective antibiotics profoundly affects the practice of surgery. Antibiotic resistance limits the efficacy of antibiotic prophylaxis thereby leading to worse outcomes in surgical patients. A 30 percent reduction in the efficacy of antibiotic prophylaxis would result in 120,000 additional infections per year in the U.S. Participants will learn how to incorporate the following antimicrobial stewardship principles in their practice: (1) antibiotic resistance: Why should surgeon's care? (2) surgeons' role in preventing resistance through shorter courses of antibiotic therapy, using rapid diagnostic tests to improve time to effective antibiotic/antifungal therapy, and pharmacokinetic/pharmacodynamic dosing; (3) affect of the microbiome on surgical infections; and (4) antibiotic stewardship: What is it, does it work, and why surgeons need to be involved.

Introduction

Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

How Best to Measure Antibiotic Stewardship?

David C. Borgstrom, MD, FACS, *Cooperstown, NY*

Too Much Antibiotics—What Are the Consequences?

Robert G. Sawyer, MD, FACS, *Charlottesville, VA*

Too Little Antibiotics—What Are the Consequences?

John E. Mazuski, MD, PhD, FACS, *St. Louis, MO*

The Pharmacist, Infection Control Nurse, Microbiologist and Others: What is the Role of the Surgeon?

Philip S. Barie, MD, FIDSA, FCCM, FACS, *New York, NY*

Future Directions in Antimicrobial Stewardship

Pamela A. Lipsett, MD, MHPE, FACS, MCCM, *Baltimore, MD*

Sponsored by the Committee on Trauma and the Committee on Perioperative Care

PS107 | 9:45-11:15 am**Bombings: Ballistics Injuries Management and Rehabilitation of the Wounded Warrior**

LOCATION: 6B

TRACK(S): GEN, INT, TRA

MODERATOR: M. Margaret Knudson, MD, FACS, San Francisco, CA

CO-MODERATOR: Ian L. Valerio, MD, MS, MBA, FACS, Columbus, OH

The surge of bombings in the military and in the civilian settings forces surgeons to be prepared to take care of patients with relevant injuries. This session will not cover the mass casualty principles but will focus on the pathophysiology of the injury, its treatment, and its long-term outcomes. Bomb blasts cause specific patterns of injury, some obvious and immediately discoverable and some more subtle but potentially life threatening. Injuries to air-containing organs (lungs, bowel, ear), the unique effects to the brain, cardiac stunt, and other important subjects will be described by national and international experts.

Blast Injuries: The Military Experience

Todd E. Rasmussen, MD, FACS, Fort Detrick, MD

Blast Injuries: The Civilian Experience

George C. Velmahos, MD, PhD, FACS, Boston, MA

Dismounted Blast Injuries

Jeremy W. Cannon, MD, FACS, Philadelphia, PA

Reconstruction and Regenerative Medicine for Blast Injuries

Ian L. Valerio, MD, MS, MBA, FACS, Columbus, OH

Rehabilitation for Blast Injuries

COL (Retired) Paul F. Pasquina, MD, Bethesda, MD

Sponsored by the Advisory Council for Plastic and Maxillo-facial Surgery and the Committee on Trauma

PS108 | 11:30 am-1:00 pm**Management of the Axilla in Breast Cancer**

LOCATION: 20A

TRACK(S): OBG, ONC

MODERATOR: Laurie J. Kirstein, MD, FACS, New York, NY

CO-MODERATOR: Judy C. Boughey, MB, BChir, FACS, Rochester, MN

The management of the axilla for breast cancer in both the primary surgical and neoadjuvant setting has been changing with the recent publication of large, randomized trials. This session will present data from the Z0011 trial on how to manage the axilla in patients whose primary treatment is breast conserving surgery, specifically who can avoid a completion axillary dissection. In addition, the management of the axilla in patients undergoing mastectomy as primary surgery will be addressed. For patients undergoing neoadjuvant chemotherapy, the data from Z1071 will be presented to address issues such as the false negative rate of sentinel node biopsy in this population and how to manage residual nodal disease.

Management of the Axilla in Patients Undergoing Lumpectomy with a Positive Sentinel Lymph Node
Armando E. Giuliano, MD, FACS, FRCSEd, Los Angeles, CA

Management of the Axilla in Patients Undergoing Mastectomy with a Positive Sentinel Lymph Node
Elizabeth A. Mittendorf, MD, PhD, FACS, Houston, TX

Management of the Axilla in Node-Positive Patients Treated with Neoadjuvant Chemotherapy

Judy C. Boughey, MB, BChir, FACS, Rochester, MN

Sponsored by the ACS Clinical Research Program Education Committee and the Commission on Cancer

PS109 | 11:30 am-1:00 pm**Cholecystectomy: From Lap Chole to Open Common Duct Exploration—All the Tools You Need**

LOCATION: Hall F

TRACK(S): GEN, RES/MED, RUS

MODERATOR: Gary L. Timmerman, MD, FACS, Sioux Falls, SD

CO-MODERATOR: Patrick L. Molt, MD, FACS, Fairfield, IL

Occasionally a surgeon finds that routine lap chole will not work. This panel will review all the possible surgical techniques necessary to safely manage a variety of biliary stone diseases. Topics to be reviewed include: laparoscopic critical view of safety for lap chole, laparoscopic transcystic common duct exploration, conversion to open cholecystectomy, subtotal cholecystectomy, open common bile duct exploration and t-tube placement, sphincteroplasty, and biliary bypass.

Introduction

Patrick L. Molt, MD, FACS, Fairfield, IL

Gary L. Timmerman, MD, FACS, Sioux Falls, SD

Laparoscopic Cholecystectomy: Critical Points/Views for Safe Laparoscopic Completion, Cholangiography, and Laparoscopic Common Bile Duct Exploration

Eric S. Hungness, MD, FACS, Chicago, IL

Navigating the Danger Zone: Tips and Tricks for Safe Passage through a Difficult Cholecystectomy

Sharmila Dissanaik, MD, FACS, Lubbock, TX

Old School: Conversion to Open Cholecystectomy, Common Bile Duct Exploration, Sphincteroplasty, and Biliary Bypass

David C. Borgstrom, MD, FACS, Cooperstown, NY

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Rural Surgery

PS110 | 11:30 am-1:00 pm**Advanced Methods to Manage Acute Lung Injury and Hemodynamics**

LOCATION: 5AB

TRACK(S): CTS, TRA

MODERATOR: Amy E. Hackmann, MD, FACS, Los Angeles, CA

CO-MODERATOR: Michael C. Chang, MD, FACS, Winston-Salem, NC

Cardiovascular and thoracic critical care remains a complex and evolving field, especially concerning acute lung injury and hemodynamic collapse. This session will review the up-to-date advances in supporting the failing lung and cardiogenic shock, including techniques and technology in veno-venous and veno-arterial extracorporeal membrane

oxygenation, temporary circulatory support and other state-of-the-art and on-the-horizon modalities.

Please see Addendum or App for a complete agenda.

Sponsored by the Committee on Trauma and the Advisory Council for Cardiothoracic Surgery

PS111 | 11:30 am-1:00 pm

Surgical Coaching: Mentor and Mentee



LOCATION: 20BC

TRACK(S): GEN

MODERATOR: R. Phillip Burns, MD, FACS, *Chattanooga, TN*

CO-MODERATOR: Gerald B. Healy, MD, FACS, FRCS(Hon), FRCSI(Hon), *Wellesly, MA*

A career in surgery typically lasts for 30-35 years, during which a wealth of knowledge is accumulated in clinical decision making and operative techniques. Equally valuable is the experience gathered in other arenas including: practice management, dealing with burnout, unprofessional behavior, threats of litigation, and balancing home and work priorities. As he or she reaches retirement age, a surgeon may recall their experience and wish they could pass this on to a younger colleague. Equally so, many younger surgeons starting their careers seek advice for the issues they see as worrisome. This panel will explore the areas that young surgeons have identified as particularly significant and will examine the range of possibilities available to older surgeons to pass along their thoughts or advice.

Introduction to Committee on Coaching the Next Generation

R. Phillip Burns, MD, FACS, *Chattanooga, TN*

Can an Old Dog Learn New Tricks or Teach Them to Younger Pups?

John B. Hanks, MD, FACS, *Charlottesville, VA*

Does Experience Count? Can It be Passed On?

A. Brent Eastman, MD, FACS, *Rancho Santa Fe, CA*

Surgical Coaching: More Than a Trendy New Name for an Old Practice

Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Coach Me, Please, Coach!

Jacob Moalem, MD, FACS, *Rochester, NY*

Gerald B. Healy, MD, FACS, *Boston, MA*

Sponsored by the Committee on Coaching the Next Generation and the Young Fellows Association

PS112 | 11:30 am-1:00 pm

Management of Pediatric Neck Masses



LOCATION: 1AB

TRACK(S): OTO, PED

MODERATOR: Soham Roy, MD, FACS, FAAP, *Houston, TX*

CO-MODERATOR: Julia Shelton, MD, MPH, *Iowa City, IA*

In this session, panelists will provide participants with a practical approach to head and neck masses. Lesion will be separated into midline and lateral masses. Congenital, acquired, and neoplastic lesions will be presented in case format. Time will be given for participants to share cases and answer questions from the audience.

Introduction and Overview

Soham Roy, MD, FACS, FAAP, *Houston, TX*

Introduction of Panelists

Julia Shelton, MD, MPH, *Iowa City, IA*

Lymphadenopathy: Workup and When to Biopsy

Danielle S. Walsh, MD, FACS, FAAP, *Greenville, NC*

Branchial Cleft Cysts

Carlton J. Zdanski, MD, FACS, FAAP, *Chapel Hill, NC*

Thyroid Anomalies in the Pediatric Neck

Paul Krakovitz, MD, FACS, *Shaker Heights, OH*

Lymphovascular Malformations of the Neck

Iram Ahmad, MD, *Iowa City, IA*

Sponsored by the Advisory Council for Otolaryngology-Head and Neck Surgery and the Advisory Council for Pediatric Surgery

PS113 | 11:30 am-1:00 pm

Multidisciplinary Approach to Vaginal Fistulas



LOCATION: 3

TRACK(S): CRS, OBG, URO

MODERATOR: Michael E. Albo, MD, FACS, *La Jolla, CA*

CO-MODERATOR: Shawn A. Menefee, MD, *San Diego, CA*

Vaginal fistula after urological, gynecological, and colorectal surgery or after obstetric complications represents formidable challenges due to fibrosis, radiation injury, and other factors. Vaginal fistula treatment and care remains highly variable in the U.S. and throughout the world. This Panel Session brings together experts from the necessary disciplines required for the appropriate diagnostic workup and of vaginal fistulae as well as successful reconstruction approaches often with the use of multidisciplinary teams with broad surgical expertise. At the end of the activity, participants will be able to better understand contemporary and evidence-based clinical practices most influential in proper diagnostic evaluation, as well as the treatment alternatives for patients with obstetric or iatrogenic vaginal fistula from a cost, efficacy, and safety standpoint.

Introduction

Michael E. Albo, MD, FACS, *La Jolla, CA*

Worldwide Obstetrical Fistula Epidemic

L. Lewis Wall, MD, *St. Louis, MO*

Enterovaginal Fistula Timing and Approach of Surgical Repair

Daniel D. Klaristenfeld, MD, FACS, FASCRS, *San Diego, CA*

Complex Genitourinary Fistula: When and How to Graft

Jill C. Buckley, MD, FACS, *Burlington, MA*

Sponsored by the Advisory Council for Urology and the Advisory Council for Gynecology and Obstetrics

PS114 | 11:30 am-1:00 pm**Nutrition: Overfeeding, Underfeeding, and No Feeding**

LOCATION: 6B

TRACK(S): GEN, TRA

MODERATOR: Daniel D. Yeh, MD, FACS, *Boston, MA*CO-MODERATOR: John E. Mazuski, MD, PhD, FACS, *St. Louis, MO*

Multiple new randomized trials have recently been published that challenge our current practices. There is now new data about route of delivery, timing, dose, and choice of nutritional agents in critically ill patients. Experts will be invited to present the data and propose practical recommendations about how to incorporate the new data into our practice.

Underfeeding vs. Goal Feeding: Should We Permit Eden to Remain Intact?

Todd Rice, MD, MSc, *Nashville, TN*

Nutrition in Severe Acute Pancreatitis

Peter J. Fagenholz, MD, *Boston, MA*

Protein Requirements in Critical Illness: More Important Than Calories?

Keith R. Miller, MD, FACS, *Louisville, KY*

Total and Supplemental Parenteral Nutrition: American Society for Parenteral and Enteral Nutrition (ASPEN) or European Society for Clinical Nutrition and Metabolism (ESPEN)?

Matthew J. Martin, MD, FACS, *Tacoma, WA*

Sponsored by the Committee on Perioperative Care and the Committee on Trauma

PS115 | 11:30 am-1:00 pm**Avoidance and Management of Complications Associated with Aesthetic and Reconstructive Surgery of the Face**

LOCATION: 32AB

TRACK(S): OPHTHO, OTO, PLA

MODERATOR: Edward L. Raab, MD, JD, FACS, *New York, NY*CO-MODERATOR: Paul A. Edwards, MD, FACS, *Detroit, MI*

The purpose of this session is to help attendees understand the anatomic and functional factors that lead to complications of surgery on facial structures, and strategies for avoidance and treatment.

Complications of Blepharoplasty

Don O. Kikkawa, MD, FACS, *La Jolla, CA*

Complications of Facial Reconstruction

Arun K. Gosain, MD, FACS, *Cleveland, OH*

Ocular and Orbital Complications of Endoscopic Sinus Surgery

James W. Gigantelli, MD, FACS, *Omaha, NE*

Complications of Aesthetic Surgery of the Face

James E. Zins, MD, FACS, *Cleveland, OH*

Sponsored by the Advisory Council for Otolaryngology–Head and Neck Surgery, the Advisory Council for Ophthalmic Surgery, and the Advisory Council for Plastic and Maxillofacial Surgery

**PS116** | 2:30-4:00 pm**The Computerized Tomography (CT) Scan Reading Says “Bowel Obstruction”: Must I Operate?**

LOCATION: 20A

TRACK(S): GEN, RUS, TRA

MODERATOR: Scott R. Steele, MD, FACS, FASCRS,

*Cleveland, OH*CO-MODERATOR: Babak Sarani, MD, FACS, *Washington, DC*

Obstructions of the gastrointestinal (GI) tract are typically present with great variation and are managed quite differently depending on location within the gastrointestinal tract. This session will review the causes, diagnosis, and management for obstructions of the entire GI tract including the stomach, duodenum, small bowel, and colon.

Introduction to Session

Scott R. Steele, MD, FACS, FASCRS, *Cleveland, OH*

Dealing with Gastric Obstructions

David T. Efron, MD, FACS, *Baltimore, MD*

Duodenal Obstructions: Tips and Tricks

Jose M. Martinez, MD, FACS, *Miami, FL*

Small Bowel Obstructions: Crohn's, Tumors, Intussusception and More

Fia Yi, MD, FACS, *San Antonio, TX*

Large Bowel Obstructions: Twists, Turns, and Masses

Justin A. Maykel, MD, FACS, *Worcester, MA*

Bowel Obstructions: A Radiologist's Perspective

Raj M. Paspulati, MD, FSAR, *Cleveland, OH*

A Gastroenterologist's (GI's) Approach to Bowel Obstructions: What Can I Bring to the Table?

Michael Kochman, MD, *Philadelphia, PA*

Panel: Case Presentations

Babak Sarani, MD, FACS, *Washington, DC*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Committee on Trauma

**PS117** | 2:30-4:00 pm**Gastroesophageal Reflux Disease (GERD) to Cancer: What's the Best Intervention?**

LOCATION: 20D

TRACK(S): CTS, GEN

MODERATOR: Kenric M. Murayama, MD, FACS, *Abington, PA*CO-MODERATOR: Katie S. Nason, MD, MPH, FACS, *Pittsburgh, PA*

The potential progression of gastroesophageal reflux disease (GERD) to esophageal cancer is well known. Controversy exists regarding the best treatment to minimize acid reflux and, therefore, the progression to pre malignancy and malignancy

Welcome and Introduction to the Session

Katie S. Nason, MD, MPH, FACS, *Pittsburgh, PA*

Robotic and Laparoscopic-Assisted Fundoplication:

Defining the Optimal Surgical Approach

Santiago Horgan, MD, FACS, *San Diego, CA*

Less Is the Same? The Role for Linx in Acid Reflux Management

John C. Lipham, MD, FACS, *Los Angeles, CA*



Less Is the Same? Trans Oral Fundoplication in Acid Reflux Management

Brant K. Oelschlager, MD, FACS, *Seattle, WA*

Debate: Preventing Progression to Cancer Requires Surgery: Pro

Brian E. Louie, MD, FACS, *Seattle, WA*

Debate: Preventing Progression to Cancer Requires Surgery: Con

Sumeet K. Mittal, MD, FACS, *Omaha, NE*

Roundtable Discussion: Case Presentations and Audience Survey

Katie S. Nason, MD, MPH, FACS, *Pittsburgh, PA*

Open Question Forum

Katie S. Nason, MD, MPH, FACS, *Pittsburgh, PA*

Sponsored by the Advisory Council for Cardiothoracic Surgery and the Advisory Council for General Surgery

PS118 | 2:30-4:00 pm

Intraoperative Abdominal Complications and Challenges



LOCATION: Hall F

TRACK(S): CRS, GEN, URO

MODERATOR: Brian R. Kann, MD, FACS, *New Orleans, LA*

CO-MODERATOR: Michael B. Hopkins, MD, FACS, *Nashville, TN*

This panel describes challenging intraoperative situations such as pelvic bleeding, genitourinary injuries, and difficulty in obtaining adequate mobilization for a colorectal anastomosis.

Prevention and Management of Pelvic Bleeding

Molly M. Cone, MD, FACS, FASCRS, *Nashville, TN*

Urologic Complications in Pelvic Surgery

Daniel J. Canter, MD, FACS, *New Orleans, LA*

The Colon/Pouch Won't Reach: Gaining Length for an Anastomosis

H. David Vargas, MD, FACS, *Lexington, KY*

Creating the Ideal Stoma Under Less Than Ideal Conditions

Thomas E. Cataldo, MD, FACS, FASCRS, *Providence, RI*

Large Bowel Obstruction: Does Everyone Need a Stoma?

Dana M. Hayden, MD, *Maywood, IL*

Panel/Questions

Brian R. Kann, MD, FACS, *New Orleans, LA*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS119 | 2:30-4:00 pm

Getting the Sickest Patients Ready When They Need to Go to the Operating Room



LOCATION: 6B

TRACK(S): EDU, GEN, TRA

MODERATOR: Thomas K. Varghese, Jr., MD, MS, FACS, *Salt Lake City, UT*

CO-MODERATOR: Ali Salim, MD, FACS, *Boston, MA*

The sickest patients still need operative care, often in urgent situations. This session will explain how to optimize some of those patients for surgery, including those with congestive heart failure, liver disease, geriatric patients,

immune-suppressed patients, and those with chronic kidney disease. Understanding what can be modified and what cannot helps in the decision process, as well as what factors truly lead to increased risk.

Welcome and Introduction

Thomas K. Varghese Jr., MD, MS, FACS, *Salt Lake City, UT*

Ali Salim, MD, FACS, *Boston, MA*

Preparing the Immunosuppressed Patient for the Operating Room

Joaquim M. Havens, MD, FACS, *Brookline, MA*

Preparing the Patient with Congestive Heart Failure for the Operating Room

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Preparing the Patient with End-Stage Liver Failure for the Operating Room

Marc A. deMoya, MD, FACS, *Milwaukee, WI*

Preparing the Patient on Novel Anticoagulants Therapy for the Operating Room

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Preparing the Elderly Frail Patient for the Operating Room

Bellal Joseph, MD, FACS, *Tucson, AZ*

Closing/Discussion

Thomas K. Varghese, Jr., MD, MS, FACS, *Salt Lake City, UT*

Ali Salim, MD, FACS, *Boston, MA*

Sponsored by the Committee on Perioperative Care

PS120 | 2:30-4:00 pm

Children with Carcinomas: Striving for Collaborative Care



LOCATION: 9

TRACK(S): GEN, ONC, PED

MODERATOR: Kenneth W. Gow, MD, FACS, *Seattle, WA*

CO-MODERATOR: Carmen C. Solórzano, MD, FACS, *Nashville, TN*

Adult cancer such as colorectal, breast, melanoma, and lung cancers occur infrequently in children and young adults. While similar in histology, in recent National Cancer Database reviews, the pediatric population frequently presented with higher stage disease yet had better outcomes. This suggested that there may be important biologic differences occurring that have not yet been elucidated. This session will address the following important questions: Who should care for these patients? Where should these patients be cared for? Under what protocols should these patients be treated? and How should pediatric and adult surgical oncologists work toward standardizing and improving care?

Colorectal Carcinoma: Adults vs. Adolescents

Philip B. Paty, MD, FACS, *New York, NY*

Breast Cancer: Adults vs. Adolescents

Melissa L. Pilewskie, MD, FACS, *New York, NY*

Melanoma: Adults vs. Adolescents

Jennifer H. Aldrink, MD, FACS, *Columbus, OH*

Renal Cell Carcinoma: Adults vs. Adolescents

A. Ari Hakimi, MD, *New York, NY*

Sponsored by the Commission on Cancer and the Advisory Council for Pediatric Surgery

PS121 | 2:30-4:00 pm**Airway Management in the Intensive Care Unit**

LOCATION: 5AB

TRACK(S): CTS, OTO, TRA

MODERATOR: Daniel J. Grabo, MD, FACS, *Morgantown, WV*CO-MODERATOR: Dennis H. Kraus, MD, FACS, *New York, NY*

Airway complications remain one of the most common and deadly errors made in the critical care setting. Ranging from common occurrences such as acute airway loss, to rare but lethal complications such as trachea innominate fistula, a practical understanding of how the occurrence of these complications can be mitigated and emergently treated is essential for all intensivists. Nonemergent airway decisions such as the need for and timing of tracheostomy also remain an important part of the critical care surgeon's domain. New airway adjuncts and techniques, as well as practical tips and tricks will be provided by experts in the field in a lively session designed to help the surgeon navigate these airway issues.

Managing Acute Airway Loss in the Intensive Care Unit
Aaron M. Strumwasser, MD, *Los Angeles, CA*

The Difficult Airway

Niels D. Martin, MD, FACS, FCCM, *Philadelphia, PA*

Tracheostomy: Indications, Patient Selection, Technique

Stephanie A. Savage, MD, MS, FACS, *Indianapolis, IN*

Complications of Airway Procedures and Surgery

Dennis H. Kraus, MD, FACS, *New York, NY*

Questions and Discussion

Daniel J. Grabo, MD, FACS, *Morgantown, WV*

Sponsored by the Committee on Trauma and the Advisory Council for Otolaryngology-Head and Neck Surgery

PS122 | 2:30-4:00 pm**Initiates' Program: Celebrating Racial, Ethnic, and Gender Diversity: Where We Are and Where We Need To Be?**

LOCATION: 2

TRACK(S): ETH, RES/MED

MODERATOR: Joseph V. Sakran, MD, MPH, MPA, FACS, *Baltimore, MD*CO-MODERATOR: Nicolas J. Mouawad, MD, MPH, MBA, *Bay City, MI*

General surgery and the surgical specialties have much to be proud of with respect to advancing racial, ethnic, and gender diversity in resident training and surgical practice. Nonetheless, opportunities for improvement remain. These opportunities will be discussed in the context of disparities in surgical care and different conceptual frameworks proposed to help remediate such disparities.

Enriching Surgery through Diversity: A Chair's Perspective
Robert S. D. Higgins, MD, MSHA, FACS, *Columbus, OH*

Gender Equality in Medicine: Collaborating for Success
Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

Identifying Barriers and Challenges of Diversity: A Recipe Moving Forward

Michaela West, MD, PhD, FACS, *Robbinsdale, MN*

Sponsored by the Resident and Associate Society and the Young Fellows Association

PS132 | 2:30-4:00 pm**Intimate Partner Violence: An Unspoken Epidemic**

LOCATION: 31A

TRACK(S): TRA, GEN

MODERATOR: Carrie A. Sims, MD, FACS, *Philadelphia, PA*CO-MODERATOR: Barbara L. Bass, MD, FACS, *Houston, TX*

Intimate partner violence is a problem that affects women from all sociodemographic backgrounds with alarming frequency. There is a need for greater awareness and for intervention strategies to prevent future tragedies resulting from such violence. This session will review intimate partner violence statistics and risk factors, provide a perspective from a trauma surgeon and a survivor of intimate partner violence, and discuss strategies for increasing awareness and intervention for both patients and our colleagues.

Please see the Addendum or App for a complete agenda.

Sponsored by the Women in Surgery Committee and the Committee on Trauma

PS123 | 2:30-5:45 pm**The American College of Surgeon and Commission on Cancer (ACS CoC) National Accreditation Program for Rectal Cancer: How Does It Work and How to Prepare for the Site Survey?**

LOCATION: 30A

TRACK(S): ONC

MODERATOR: Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*CO-MODERATOR: David P. Winchester, MD, FACS, *Chicago, IL*

This session will discuss why accreditation of rectal cancer centers is needed, including the following: (1) three decades of European evidence; (2) variability in the outcomes of surgery for rectal cancer in the U.S; (3) optimized surgical outcomes via contributions from radiologists and pathologists; and (4) the new Commission on Cancer evidence-based standards for accreditation in the perioperative management of rectal cancer.

Introduction

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

David P. Winchester, MD, FACS, *Chicago, IL*

The Role of the Committee on Cancer in Cancer Management

Richard S. Greene, MD, FACS, *Savannah, TN*

The Role of Pelvic Magnetic Resonance Imaging (MRI) in Staging and Assessing Treatment Response in Rectal Cancer
Greg Deprisco, MD, *Dallas, TX*

Standardized Total Mesorectal Excision(TME) Specimen Assessment Helps Optimize Outcomes

Mariana Berho, MD, *Weston, FL*

Education, Skills Assessment, and Verification in Rectal Cancer Surgery

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

National Accreditation Program for Rectal Cancer (NAPRC)

Survey Readiness: Roles of the Rectal Cancer Program

Leader and Coordinator

Samuel C. Oommen, MD, FACS, *Walnut Creek, CA*

Shell I. Portner, RN, *Walnut Creek, CA*

The National Cancer Database as a Resource

Fergal Fleming, MD, FRCS, *Rochester, NY*

National Accreditation Program for Rectal Cancer (NAPRC)

Survey Update

David P. Winchester, MD, FACS, *Chicago, IL*

The Role of the Multidisciplinary Treatment Conference in

Improving Outcomes for Rectal Cancer Patients

James W. Fleshman, MD, FACS, *Dallas, TX*

Tailoring Multidisciplinary Team Presentations for Success Based Upon Institutional Structure

John R. T. Monson, MB, BCh, MD, FACS, FRCS, *Orlando, FL*

Live Multidisciplinary Team Conference and Panel

Case Presentation

George J. Chang, MD, MS, FACS, FASCRS, *Houston, TX*

MODERATORS:

David W. Dietz, MD, FACS, *Cleveland, OH*

Feza H. Remzi, MD, FACS, FASCRS, FTSS(Hon), *Cleveland, OH*

PANELISTS:

Arun Nagarajan, MD, *Weston, FL*

Neil H. Hyman, MD, FACS, *Chicago, IL*

Mariana Berho, MD, *Weston, FL*

Sudha Amarnath, MD, *Cleveland, OH*

James W. Fleshman, MD, FACS, *Dallas, TX*

Fergal Fleming, MD, FRCS, *Rochester, NY*

Greg Deprisco, MD, *Dallas, TX*

Case Presentation

Julio E. Garcia Aguilar, MD, FACS, *New York, NY*

Closing Remarks

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

David P. Winchester, MD, FACS, *Chicago, IL*

Sponsored by the Commission on Cancer

PS124 | 2:30-5:45 pm

Latin America Day (Spanish)

LOCATION: 6D

TRACK(S): GEN, INT

MODERATOR: Samuel Shuchleib, MD, FACS, *Edo, Mexico*

CO-MODERATOR: Natan Zundel, MD, FACS, FASMB, *North Miami Beach, FL*

The first part of this session will cover hernia repair. Hernia repair is an increasingly common operation worldwide. Ventral hernias, especially the recurrent ones, represent a challenge for the general surgeons with new techniques

available and different surgical approaches. The routine use of mesh for primary inguinal hernias with so many new products on the market makes it obligatory to review this topic and give an update of the results. Robotics in the developed countries are becoming a reality, and the results should be compared with the traditional laparoscopic or open techniques. The second part of the session will focus on colon surgery, new trends on the management of complicated diverticular diseases, review of sigmoid volvulus by an expert from South America where the disease is very common, the use and advantages of robotic surgery for malignant colon surgery, and an update on minimally invasive surgery (MIS) and transanal endoscopic microsurgery (TEM) resection for early malignant diseases.

The Use of Mesh for Bridging or Reinforcing Ventral Defects
Alejandro M. de la Torre, MD, FACS, *Dique Lujan, Argentina*

Which Operation to Perform after Recurrent Laparoscopic Central Hernia Repair?

Natan Zundel, MD, FACS, FASMB, *North Miami Beach, FL*

The Use of Robots for Hernia Repair: Advantages, Cost, and Results

Anthony M. Gonzalez, MD, FACS, *Miami, FL*

Critical View of the Myopectineal Orifice

Jorge E. Daes, MD, FACS, *Barranquilla, Colombia*

Indications for Laparoscopic Surgical Treatment of Diverticulitis: Washout, Resection, and Hartmann's Primary Anastomosis Role of Stents

Isaac Felemovicius, MD, FACS, *Robbinsdale, MN*

Updates on the Surgical Management of Acquired Megacolon and Volvulus of the Colon

Jaime H. Matta, MD, FACS, *Lima, Peru*

Actual Indication and Future of Transanal Minimally Invasive Surgery (MIS)

Sergio W. Larach, MD, FACS, FASCRS, *Orlando, FL*

Robotic Left Colectomy and Total Mesorectal Excision: Is There a Difference Compared to the Standard Laparoscopic Approach?

Carlos E. Jacob, MD, PhD, *São Paulo, Brazil*

Sponsored by the Program Committee and the Federacion Latinoamericana de Cirugia

PS106 | 4:15-5:45 pm

Reconstructing the Body: 3-D, Custom Scaffolds, and Stem Cell Therapy



LOCATION: 31BC

TRACK(S): NEU, OTO, PLA

MODERATOR: Michael R. Davis, MD, FACS, *San Antonio, TX*

CO-MODERATOR: Vijay S. Gorantla, MD, PhD, FRCS, *Winston-Salem, NC*

New diagnostics from ultra-high speed or chip-based ultrasound technology, micromechanical diagnostic systems, noninvasive and skin-based sensors to analyze regenerating tissue microenvironments will be presented in this session. The panel will discuss emerging applications for these technologies in tissue regeneration and

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reconstructive surgery. Participants will receive updates on the newest concepts in micro and nanoscale diagnostics and therapeutic enhancers and explore the future potential for customized, patient specific applications.

Wearable Biosensors in Regenerative Surgery:

The New Frontier

John A. Rogers, PhD, *Evanston, IL*

Targeted Triggerable Therapeutics and Theranostics

Jeff Karp, BEng, PhD, *Boston, MA*

Sponsored by the Committee on Emerging Surgical Technology and Education and the Scientific Forum Committee

PS125 | 4:15-5:45 pm

Contemporary Management of Acute Pancreatitis



LOCATION: Hall F

TRACK(S): GEN, RUS, TRA

MODERATOR: Karen D. Horvath, MD, FACS, *Seattle, WA*

CO-MODERATOR: David T. Efron, MD, FACS, *Baltimore, MD*

Necrotizing pancreatitis is a highly morbid disease with significant risk of death. Our understanding of optimal treatment is rapidly changing. Delaying intervention seems to be improving outcomes. Also, a stepwise approach to intervention involving various minimally invasive techniques such as percutaneous, endoscopic, and laparoscopic is being used in place of or before laparotomy with improving results. This panel will discuss how to set up a multidisciplinary team to care for these patients at your hospital and when to consider a transfer to a center with more resources.

Welcome/Introductions

Karen D. Horvath, MD, FACS, *Seattle, WA*

David T. Efron, MD, FACS, *Baltimore, MD*

Overview of Necrotizing Pancreatitis Treatment Today

Peter J. Fagenholz, MD, *Boston, MA*

Endoscopic Options

Michael D. Saunders, MD, FACP, *Seattle, WA*

Timing for Transfer: When Is Enough, Enough?

Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

Logistics: Setting Up a Multidisciplinary Team

Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS126 | 4:15-5:45 pm

Managing Thyroid Nodules



LOCATION: 20BC

TRACK(S): GEN, OTO

MODERATOR: Gregory W. Randolph, MD, FACS, *Boston, MA*

CO-MODERATOR: James A. Lee, MD, FACS, *New York, NY*

This panel will go over the current American Thyroid Association guidelines for thyroid nodule management. Imaging, blood work, needle biopsy, and surgical decision making will be reviewed.

Introduction

James A. Lee, MD, FACS, *New York, NY*

Ultrasonographic Stratification of the Thyroid Nodule

Kevin T. Brumund, MD, FACS, *La Jolla, CA*

Bethesda Fine Needle Aspiration Classification

Julie A. Sosa, MD, FACS, *Durham, NC*

Fine Needle Aspiration Molecular Analysis

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Thyroid Cancer: Less Surgery, No Surgery, Cancer Not a Cancer

Gregory W. Randolph, MD, FACS, *Boston, MA*

Case Presentation and Question and Answers

James A. Lee, MD, FACS, *New York, NY*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology Head and Neck Surgery

PS127 | 4:15-5:45 pm

Gastric Cancer: East Meets West (and Everybody In Between)



LOCATION: 20A

TRACK(S): GEN, INT, ONC

MODERATOR: Daniel G. Coit, MD, FACS, *New York, NY*

CO-MODERATOR: Natalie G. Coburn, MD, FACS, *Toronto, ON*

There have been significant differences in dealing with gastric cancer on an international level, and specifically between the West and the East, in terms of incidence, diagnosis and, more importantly, management. This session will feature surgical authorities from the East and the West who will describe their approach to the diagnosis management and outcomes of gastric cancer and will answer the question Why do those differences exist: is it a matter of a different population or a different type of management?

Differences in Outcomes in Gastric Cancer Patients: Observations Comparing East vs. West from a Large Contemporary International Gastric Cancer Database
Takeshi Sano, MD, PhD, FRCSEd, *Tokyo, Japan*

Differences in Outcomes of Gastric Cancer Patients Comparing East vs. West Are Due to Inherent Differences in Biology

Daniel G. Coit, MD, FACS, *New York, NY*

Differences in Outcomes of Gastric Cancer Patients Comparing East vs. West Are Due to Inherent Differences in Treatment
Natalie G. Coburn, MD, FACS, *Toronto, ON*

Gastric Cancer in China: Not All Gastric Cancer in Asia is the Same

Vivian E. Strong, MD, FACS, *New York, NY*

Techniques, Technology, and Outcomes in Radical Gastrectomy: Insight into the Distinct Challenges and Solutions from East and West

Yanghee Woo, MD, FACS, *Haworth, NJ*

Sponsored by the International Relations Committee and the Commission on Cancer

PS128 | 4:15-5:45 pm**Assuring Diversity in the Surgical Workforce**

LOCATION: 2

TRACK(S): EDU

MODERATOR: Stephanie Bonne, MD, FACS, *Newark, NJ*CO-MODERATOR: Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Unconscious bias, an innate preference for one trait or attribute over another (for example, white race vs. black race; thin person vs. obese person), affects the surgical workforce across the spectrum from residency selection to searches for department chairs. By definition, unconscious bias includes biases that may unknowingly affect choices in trainees or partners or leaders. This Panel Session will review the data on racial, ethnic, and gender inequities in the surgical workforce, educate audience members on the importance of understanding unconscious bias, the implicit association test, and provide strategies for leveling the playing field on our profession.

Addressing and Incorporating Racial and Sexual Identity Diversity into Your Practice

Adil H. Haider, MD, MPH, FACS, *Boston, MA*

Mentoring a Diverse Surgical Workforce

Heena P. Santry, MD, FACS, *Worcester, MA*

Recognizing and Mitigating Unconscious Gender Bias in Your Department

Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Building a Diverse Department: Hiring Practices, Institutional Barriers, and Considerations

Selwyn O. Rogers, Jr., MD, MPH, FACS, *Chicago, IL*

Sponsored by the Committee on Diversity Issues and the Women in Surgery Committee

PS129 | 4:15-5:45 pm**How Do We Manage the Acutely Ischemic Leg in 2017?**

LOCATION: 9

TRACK(S): VAS

MODERATOR: Melissa L. Kirkwood, MD, FACS, *Dallas, TX*CO-MODERATOR: Dennis F. Bandyk, MD, FACS, *La Jolla, CA*

This Panel Session will address the contemporary diagnosis and treatment of the acutely ischemic extremity. Topics will include timely recognition of the diagnosis, and the role of thrombolysis to establish the underlying etiology. The role of endovascular and open approaches will be discussed as will the role of fasciotomy. Timely referral to specialists and specialized centers will be highlighted. The special situation of penetrating trauma, including high-velocity gunshot wounds, will be discussed.

Differential Diagnosis and Imaging for Acute Limb Ischemia (Stages of Acute Limb Ischemia, Medical Management, and Diagnostic Imaging)

Carlos H. Timaran, MD, FACS, *Dallas, TX*

Endovascular vs. Open Management of Acute Limb Ischemia

Vikram S. Kashyap, MD, FACS, *Cleveland, OH*

Contemporary Outcomes of Endovascular and Open Repair for Acute Limb Ischemia

Brian G. DeRubertis, MD, *Los Angeles, CA*

Management of Atypical Causes of Acute Limb Ischemia
Popliteal Aneurysm/Entrapment

Aortic Dissection, Phlegmasia

Michael J. Malinowski, MD, *Brookfield, WI*

Acute Limb Ischemia from Trauma

Martyn Knowles, MD, *Dallas, TX*

Sponsored by the Advisory Council for Vascular Surgery

PS130 | 4:15-5:45 pm**Improving Quality and Outcomes through Interprofessional Teams**

LOCATION: 1AB

TRACK(S): EDU, HP, TRA

MODERATOR: Scott F. Gallagher, MD, FACS, *Winston-Salem, NC*CO-MODERATOR: Edward M. Barksdale, MD, FACS, *Cleveland, OH*

The current model of surgical care delivery continues evolving from multidisciplinary to interdisciplinary, team-based care. This ever-changing health care environment focuses on patient-centered care delivered through interprofessional collaboration. Highly functioning teams, including a broad continuum of health care professionals, are necessary to deliver safe, high-quality, affordable care. Based upon principles and practice of interprofessional education, this panel will focus on developing effective teams and team-based care with the practical skills needed to build teams, plan projects, expand delivery models, and manage institutional culture changes. Emphasis will be given to key skills in leadership development, team management, and interprofessional collegiality using effective communication, emotional intelligence, and team building to incorporate standardized quality measures and clinical guidelines (best practices) to improve safety and outcomes minimizing risk and errors.

Introduction and Overview

Scott F. Gallagher, MD, FACS, *Winston-Salem, NC*

Building Small Interprofessional Teams

Scott F. Gallagher, MD, FACS, *Winston-Salem, NC*

Non-Technical Skills (NOTECHS) for Surgical Teams

Rita D'Aoust, PhD, ANP-BC, CNE, FAANP, FNAP, *Baltimore, MD*

Divisions, Departments, and Research: Improving Patient Care and Outcomes with Large Teams

Timothy M. Pawlik, MD, MPH, PhD, *Columbus, OH*

Sponsored by the Committee on Interprofessional Education and Practice

PS131 | 4:15-5:45 pm**How to Assess the Operative Skills of Senior Surgery Residents**

LOCATION: 6B

TRACK(S): EDU, RES/MED

MODERATOR: Aaron R. Jensen, MD, *Los Angeles, CA*CO-MODERATOR: Gary L. Dunnington, MD, FACS, *Indianapolis, IN*

Readiness for practice for graduating surgery residents and Fellows has become a subject of increased scrutiny. Resident experience with advanced general surgery cases nationally has decreased and deciphering comments in letters of recommendation from program directors can be challenging. Overall case numbers as a surrogate for experience and skill can be limited by the resident's true involvement in performing the case. This session will provide an overview of options for objectively assessing operative skills of potential new partners. Particular examples will include video-based review of cases, site visits with live observation of cases, or reliance on standardized assessments performed by faculty. Panelists will review their experience with these methodologies and specifically address legal barriers and patient privacy challenges and how to overcome them.

Can I Trust You to Do My Colectomy? Entrustment and Entrustable Professional Activities in Achieving Resident Autonomy

Rebecca M. Minter, MD, FACS, *Dallas, TX*

Using Mobile Micro Assessment to Measure Competence

Brian C. George, MD, *Ann Arbor, MI*

Video-Based Assessment of Operative Skills

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

Sponsored by the Committee on Resident Education

Tuesday, October 24

PS200 | 8:00-9:30 am**The Impossible Gallbladder: Is Cholecystectomy Always the Answer?**

LOCATION: Hall F

TRACK(S): GEN, RUS, TRA

MODERATOR: Sharmila Dissanaik, MD, FACS, *Lubbock, TX*CO-MODERATOR: Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Surgeons face difficult cholecystectomy frequently but usually can safely dissect the vital structures, but will also encounter the acute gallbladder with totally distorted anatomy that precludes normal dissection techniques. This panel will discuss the management of the impossible gallbladder. Can this situation be predicted preoperatively and managed nonoperatively? Can it be managed without total cholecystectomy?

Introductions

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Identifying Which Cases Should Cause Concern: Can This Situation Be Identified Preoperatively and Prevented?

What Should Raise Your Index of Suspicion for an Impossible Cholecystectomy?

Daniel J. Deziel, MD, FACS, *Chicago, IL*

The Role of Percutaneous Cholecystectomy Tubes: When, How and What to Do Afterward? Decision Making on Subsequent Cholecystectomy When, Why, and How?

Taylor S. Riall, MD, PhD, FACS, *Tucson, AZ*

Intraoperative Decision Making and the Use of Imaging Aids (Ultra Sound (US), Intraoperative Cholangiography (IOC), Indocyanine Green (ICG), and so on) to Guide Decisions and Assist with Safe Dissection

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Subtotal Cholecystectomy: Fenestrated vs. Reconstituting, and How I Do It with Instructional Video, Images, and so on

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Role of Open Cholecystectomy in the Impossible Gallbladder: Should This Still Be Our Go-to Procedure?

Kenneth R. Sirinek, MD, FACS, *San Antonio, TX*

Sponsored by the Advisory Council for General Surgery

PS201 | 8:00-9:30 am**Perioperative Fluid Management**

LOCATION: 20A

TRACK(S): CRS, GEN, TRA

MODERATOR: Sandro B. Rizoli, MD, FACS, *Toronto, ON*CO-MODERATOR: Marcovalerio Melis, MD, FACS, *New York, NY*

Routine intraoperative administration of large fluid volumes is challenged by recent evidence-based, individualized goal directed therapy. However, the precise type, amount, and timing of fluid administration in the perioperative period are still the subject of extensive debate. Additionally, there is significant variation in fluid management across different surgical specialties. This session will:

- (1) review new evidence on the physiology of body water distribution (for example, the role of endothelial glycocalyx in the capillary fluid exchange, relevance of "third spacing", and possible use of drugs altering endothelial permeability);
- (2) describe how perioperative fluid therapy can affect short- and long-term postoperative outcomes; and
- (3) highlight current best management practices for intra and postoperative fluid management during elective operations in different surgical specialties.

New Evidence on the Physiology of Body Water Distribution: Impact on Perioperative Management

Kiran K. Turaga, MD, MPH, FACS, *Chicago, IL*

Goal-Directed Perioperative Fluid Management

Erik Kistler, MD, *San Diego, CA*

One Size Does Not Fit All: Differences in Fluid Management Across Surgical Specialties

Peter J. Rossi, MD, FACS, *Milwaukee, WI*

The Shrinking Role of Crystalloids in Perioperative Resuscitation

Patricia A. Chee, MD, *New York, NY*

Liberal vs. Restrictive Intraoperative Use of Fluids: Will There Be Any Relief?

Stuart McCluskey, MD, PhD, FRCPC, *Toronto, ON*

Preoperative Anemia and Elective Surgery:
Current Indications for Intraoperative Blood Transfusions
Katerina Pavenski, MD, FRCPC, *Toronto, ON*

*Sponsored by the Committee on Trauma and the
Committee on Perioperative Care*

PS202 | 8:00-9:30 am
Rectal Cancer Centers of Excellence



LOCATION: 6D

TRACK(S): CRS, GEN, ONC

MODERATOR: John R. T. Monson, MB, BCh, MD, FRCS, FACS,
Orlando, FL

CO-MODERATOR: David W. Dietz, MD, FACS, *Cleveland, OH*

Successful management of rectal cancer requires a multidisciplinary approach using an organized system. The American College of Surgeons is developing the components necessary for a designation of Rectal Cancer Center of Excellence. This program will describe these components.

Exactly What Does a Center of Excellence (COE) Mean?
Surgeon or Center?

James W. Fleshman, MD, FACS, *Dallas, TX*

Why Have Them? The Evidence for Benefit
Fergal Fleming, MD, FRCS, *Rochester, NY*

National Accreditation Program for Rectal Cancer (NAPRC)
and the Story So Far in the U.S.

Feza H. Remzi, MD, FACS, FASCRS, FTSS(Hon), *Cleveland, OH*

What about the Community Surgeon?

Samuel C. Oommen, MD, FACS, *Walnut Creek, CA*

Does This Make Business Sense?

Guy R. Orangio, MD, FACS, *New Orleans, LA*

*Sponsored by the Advisory Council for Colon and Rectal
Surgery and the International Relations Committee*

PS203 | 8:00-9:30 am
Teaching Clinical Decision Making



LOCATION: 5AB

TRACK(S): RES/MED, TRA

MODERATOR: Celia M. Divino, MD, FACS, *New York, NY*

CO-MODERATOR: Erica L. Mitchell, MD, MedSE, FACS,
Portland, OR

Clinical decision making is critical to surgical competency. This competency is tacit knowledge that we know but cannot always be easily explained. Clinical decision making is the inherent ability to decide when to operate on a patient based on the individual surgeon's knowledge, experience, ability to recognize patterns, and, perhaps, intuition. For surgeons, clinical decision making is developed during exposure to patients in the outpatient setting, operating room, wards, and by attending educational conferences. Unfortunately, with current duty hour restrictions and a greater focus on outcomes and cost, residents have decreasing opportunities to develop clinical decision making skills and many programs are struggling with teaching these competencies. This panel will discuss current methodologies for promoting and enhancing resident clinical decision making skills.

How Do We Prepare Students to be Adaptive Experts in
their Field?

Maria Mylopoulos, PhD, *Toronto, ON*

Training Surgeons to Make Important Decisions

Jonathan P. Fryer, MD, MHPE, FACS, *Chicago, IL*

Paradigms of Clinical Decision Making

Nick Sevdalis, PhD, *London, UK*

Sponsored by the Committee on Resident Education

PS204 | 8:00-9:30 am
**What's New in Health Care-Associated
Infections? Part II**



LOCATION: 6E

TRACK(S): CRS, EDU, GEN, TRA

MODERATOR: Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

CO-MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*

This panel will focus on new research with regard to prevention, diagnosis, and the use of health-care associated infections as a quality metric. It will provide a broad overview of current best practices to prevent the most common types of health care-acquired infections in surgical patients including central line-associated blood stream infections (CLABSI), catheter-associated urinary tract infections (CAUTI), and surgical site infections (SSI) with special consideration for colorectal and prosthetics. The issues regarding public reporting of hospital data and the various different surveillance systems will be discussed.

Extent of the Problem

Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

Surgical Site Infections

Therese M. Duane, MD, MBA, CPE, FACS, FCCM,
Fort Worth, TX

Hospital-Acquired Pneumonia

Addison K. May, MD, FACS, *Nashville, TN*

Urinary Tract Infections

Lori Lerner, MD, *Hingham, MA*

Catheter-Associated Blood Stream Infections

Charles H. Cook, MD, FACS, *Columbus, OH*

Sponsored by the Committee on Trauma

PS205 | 8:00-9:30 am
**Pro-Hemostatic Drugs: Is There a Role in
Trauma Resuscitation?**



LOCATION: 7AB

TRACK(S): GEN, NEU, TRA

MODERATOR: Mitchell J. Cohen, MD, FACS,
San Francisco, CA

CO-MODERATOR: Martin A. Schreiber, MD, FACS,
Portland, OR

Patients with severe hemorrhage and severe tissue injury can present with acute coagulopathy of trauma shock (ACOTS), and have a four-fold increase in mortality. Prompt recognition and management is of the essence. The session features experts from different backgrounds and will focus on issues such as: early recognition of ACOTS role of

preemptive tranexamic acid (TXA) versus Thromboelastography/Rotational Thromboelastometry (TEG/ROTEM)-directed therapy; are we done with Factor VIIa?, and are there any new wonder drugs?

TXA: Controversies, Uses, and Data
Michael W. Cripps, MD, FACS, *Dallas, TX*

Viscoelastic Goal-Directed Resuscitation after Injury
Ernest E. Moore, MD, FACS, *Denver, CO*

Prothrombin Complex Concentrates in Trauma: Uses, Controversies, and Data
Bellal Joseph, MD, FACS, *Tucson, AZ*

Factor VII and Other Adjuncts: What is Available for the Treatment of Bleeding after Trauma?
Ryan A. Lawless, MD, *Breinigsville, PA*

Sponsored by the Committee on Trauma

PS206 | 8:00-9:30 am

U.S. and International Terrorism: Surgical Response to an Active Shooter in a Health Care Facility



LOCATION: 2

TRACK(S): INT, TRA

MODERATOR: Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*

CO-MODERATOR: Ronald M. Stewart, MD, FACS, *San Antonio, TX*

The increase of international terrorism creates compounding challenges both for surgeons as well as trauma systems regarding how to prevent and prepare for these crises. This Panel Session will present the experiences of trauma surgeons with the goal of identifying the challenges involved in preparing (both at the local and national levels) for intentional mass casualty events. The session will present data on health care workers as well as the public's views on these events.

An Overview of Global Intentional Mass Casualty Events
Ronald M. Stewart, MD, FACS, *San Antonio, TX*

Are We Prepared? Perspectives of the Public and Health Care Providers Regarding Active Violence/Shooting Inside Hospitals
Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*

Practical Strategies to Prepare and Prevent Active Shooters in Health Care Facilities
Alexander L. Eastman, MD, MPH, FACS, *Dallas, TX*

Regional and National Strategies Aimed at Optimal Prevention and Preparation for Intentional Mass Casualty Events
Robert J. Winchell, MD, FACS, *New York, NY*

Sponsored by the Committee on Trauma and the International Relations Committee

PS207 | 8:00-9:30 am

Inflammatory Bowel Disease: Update on Medical and Surgical Management



LOCATION: 20D

TRACK(S): CRS, GEN

MODERATOR: Scott A. Strong, MD, FACS, FASCRS, *Chicago, IL*

CO-MODERATOR: Walter A. Koltun, MD, FACS, FASCRS, *Hershey, PA*

An increasing number of medications are available to manage inflammatory bowel disease. Some of these may affect perioperative morbidity. This Panel Session will describe the surgical options available.

Medications Currently Used for Inducing Inflammatory Bowel Disease (IBD) Remission

Defining Failed Medical Therapy in the Inflammatory Bowel Disease (IBD) Patient

Handling Medications during the Perioperative Period in Crohn's Disease

Alessandro Fichera, MD, FACS, *Seattle, WA*

Impact of Medications on Surgical Staging in Ulcerative Colitis

Evangelos Messaris, MD, PhD, FACS, FASCRS, *Hershey, PA*

Managing Severe Colitis and the Influence of Disease Type
Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Role of Surgery in Penetrating Crohn's Disease
Amy L. Lightner, MD, *Rochester, MN*

Discussion

Walter A. Koltun, MD, FACS, FASCRS, *Hershey, PA*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS208 | 8:00-11:15 am

Spectacular Cases

LOCATION: 6B

TRACK(S): GEN, RES/MED

MODERATOR: Juan C. Paramo, MD, FACS, *Miami Beach, FL*

CO-MODERATOR: A. Frederick Schild, MD, FACS, *Miami, FL*

In this session, residents present spectacular cases to a panel group of experts. The cases are presented in a format this is similar to a morbidity and mortality conference. An interactive discussion ensues between the presenters and the panel, challenging the panel to dispute the course of action taken in very difficult and unusual circumstances.

PANELISTS

J. David Richardson, MD, FACS, *Louisville, KY*

Patrick J. O'Leary, MD, FACS, *Miami, FL*

Spence M. Taylor, MD, FACS, *Greenville, SC*

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

Introduction

Juan C. Paramo, MD, FACS, *Miami, FL*

A. Frederick Schild, MD, FACS, *Miami, FL*

Colon Perforation after Pericardiocentesis with Normal Abdominal Exam

Salaam Sadi, MD, *Washington, DC*

Angiography via Telemedicine Facilitates Inter-Institutional Collaboration in Hepatobiliary Surgery
Tommy Ivanics, MD, *Rochester, MN*

Giant Graves Goiter
Milad Behbahaninia, MD, *Phoenix, AZ*

Right Upper Quadrant Quandary
Stacey Klyn, DO, *Phoenix, AZ*

Successful Treatment of Complete Traumatic Transection of the Suprahepatic Inferior Vena Cava (IVC) with Venous Bypass (Portal + IVC to IJV) and Cardiopulmonary Bypass with Hypothermic Circulatory Arrest
Paulo N. Martins, MD, *Worcester, MA*

Ruptured Dissecting Intramural Duodenal Hematoma Following Endoscopic Retrospective Cholangiopancreatography
Eric Weiss, MD, *Philadelphia, PA*

Management of a Locally Invasive Giant Cystic Pheochromocytoma
Sasha Still, MD, *Dallas, TX*

Sponsored by the Resident and Associate Society

PS209 | 9:45-11:15 am **Unusual Abdominal Hernias**



LOCATION: Hall F

TRACK(S): GEN, RUS

MODERATOR: Karl A. LeBlanc, MD, MBA, FACS, FASMBS, *Baton Rouge, LA*

CO-MODERATOR: Bryan Kelly Richmond, MD, MBA, FACS, *Charleston, WV*

Most surgeons are comfortable with standard repairs of inguinal, ventral, and incisional hernias. However the unusual abdominal hernias which are considerably more rare than the routine hernia present a challenge. This panel will focus on the unusual abdominal hernia such as Spigelian, femoral, and lumbar hernias. Techniques of repair will be discussed and outcomes presented.

Postnephrectomy Flank Hernia
Karl A. LeBlanc, MD, MBA, FACS, FASMBS, *Baton Rouge, LA*

Morgagni Hernia
Bryan K. Richmond, MD, MBA, FACS, *Charleston, WV*

Lumbar Hernia (Traditional)
Gina L. Adrales, MD, MPH, FACS, *Baltimore, MD*

Lumbar Hernia (Post-Traumatic)
Mike K. Liang, MD, FACS, *Houston, TX*

Spigelian Hernia
Guy R. Voeller, MD, FACS, *Memphis, TN*

Pelvic Hernias
Shirin Towfigh, MD, FACS, *Beverly Hills, CA*

Sponsored by the Advisory Council for General Surgery

PS210 | 9:45-11:15 am **Diagnosis and Management of Incidentally Discovered Liver Lesions**



LOCATION: 1AB

TRACK(S): GEN, ONC

MODERATOR: M. B. Majella Doyle, MD, FACS, *St. Louis, MO*

CO-MODERATOR: David A. Kooby, MD, FACS, *Atlanta, GA*

Today, many liver tumors are found incidentally while patients are undergoing increasingly performed cross-sectional imaging studies. Many findings in the liver are benign and of little consequence, however, some require more invasive investigation and sometimes surgical resection. This session will provide appropriate context for such findings.

Imaging for Incidentally Discovered Liver Lesions
Aarti Sekhar, MD, *Atlanta, GA*

Diagnosis and Management of Cystic Liver Lesions
Ryan C. Fields, MD, FACS, *St. Louis, MO*

Diagnosis and Management of Solid Liver Lesions
Shishir K. Maithel, MD, FACS, *Atlanta, GA*

Sponsored by the Advisory Council for General Surgery

PS211 | 9:45-11:15 am **Lung, Liver, and Kidney: Latest in Ex-Vivo Perfusion for Solid Organ Transplantation**



LOCATION: 6E

TRACK(S): CTS, GEN

MODERATOR: Thomas K. Waddell, MD, FACS, *Toronto, ON*

CO-MODERATOR: Richard V. Perez, MD, FACS, *Sacramento, CA*

With the shortage of available donor organs, many advances have been made to preserve and rehabilitate potentially transplantable lung, kidney, and livers. This panel will review the current innovations, techniques and applications of ex-vivo lung perfusion, ex-vivo kidney perfusion, and ex-vivo liver perfusion in solid organ transplantation.

Overview of Ex-Vivo Normothermic Perfusion: How We Got Here and Where We Are Heading
Shaf Keshavjee, MD, FACS, *Toronto, ON*

Normothermic Perfusion of the Liver: Status Update
William C. Chapman, MD, FACS, *St. Louis, MO*

Normothermic Perfusion of the Kidney: Status Update
Cristiano Quintini, MD, *Cleveland, OH*

Normothermic Perfusion of the Heart: Status Update
Darren H. Freed, MD, *Winnipeg, Manitoba*

Normothermic Lung Perfusion: Status Update
Shaf Keshavjee, MD, FACS, *Toronto, ON*

Organ Regeneration Based on Scaffolds: What Can We Learn from Ex-Vivo Organ Perfusion? What Can We Share?
Harald C. Ott, MD, *Boston, MA*

Overview of Organ Perfusion
Richard V. Perez, MD, FACS, *Sacramento, CA*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Cardiothoracic Surgery

PS212 | 9:45-11:15 am**Repair, Ligate, Shunt, or Bypass: Physiologic and Anatomic Considerations in Vascular Trauma**

LOCATION: 20D

TRACK(S): GEN, TRA, VAS

MODERATOR: Joseph J. DuBose, MD, FACS, FCCM, *Davis, CA*CO-MODERATOR: Charles J. Fox, MD, FACS, *Denver, CO*

Major adaptations from military to civilian trauma centers have changed the way we manage vascular injuries. This session will feature experts from different backgrounds to discuss challenging vascular scenarios and the decision making required in addressing vascular trauma in the multiply injured patient.

Associated Venous Injuries: Repair or Ligate

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

So You Want to Do a Bypass for Trauma? Anatomical and Conduit Considerations

Pedro G. R. Teixeira, MD, *Austin, TX*

Fasciotomy after Vascular Injury: When and Why to Use it Prophylactically

Charles J. Fox, MD, FACS, *Denver, CO*

Endovascular vs. Open Repair for Vascular Trauma: When and Where Does it Make Sense?

Timothy K. Williams, MD, *Winston-Salem, NC*

Balloons for Proximal Arterial Control: When to Consider "Hybrid" Management of Vascular Injuries

Megan Brenner, MD, FACS, *Baltimore, MD*

Complications of Vascular Injury Treatment: Mitigation and Management Strategies

Melanie Hoehn, MD, *Baltimore, MD*

Sponsored by the Advisory Council for Vascular Surgery and the Committee on Trauma

PS213 | 9:45-11:15 am**Enhanced Recovery After Surgery (ERAS): Colorectal Surgery and Beyond**

LOCATION: 20A

TRACK(S): CRS, GEN, OBG

MODERATOR: Traci L. Hedrick, MD, FACS, FACRS, *Charlottesville, VA*CO-MODERATOR: Liane S. Feldman, MD, FACS, FRCS, *Montreal, Quebec*

Enhanced Recovery After Surgery (ERAS) protocols have grown in popularity due to improved patient outcomes and the cost mitigation. Interest has increased in broadening the scope of surgical recovery to include preoperative optimization (prehabilitation) and intraoperative care. Enhanced recovery protocols rely on standardized, patient-centered multidisciplinary care and have been extensively studied in colorectal surgery. However, enhanced recovery protocols have been adapted and applied to virtually every other surgical specialty. This session will focus on the role of enhanced recovery protocols in other surgical specialties outside the field of colorectal surgery such as orthopaedics, gynecology, and thoracic surgery. It will provide an overview of topics

including multimodal analgesia, fluid management, multidisciplinary collaboration, patient education; and perioperative outcomes.

Prehabilitation in Enhanced Recovery

Liane S. Feldman, MD, FACS, FACRS, *Charlottesville, VA*

Enhanced Recovery in Hepatobiliary Surgery

Thomas A. Aloia, MD, FACS, *Houston, TX*

Enhanced Recovery in Thoracic Surgery

Linda W. Martin, MD, FACS, *Bel Air, MD*

Enhanced Recovery in Hernia Surgery

Andrew S. Wright, MD, FACS, *Seattle, WA*

Sponsored by the Committee on Perioperative Care and the Advisory Council for Colon and Rectal Surgery

PS214 | 9:45-11:15 am**Improving Outcomes by Enhancing and Teaching Cultural Competency and Addressing Bias**

LOCATION: 3

TRACK(S): EDU, RES/MED

MODERATOR: Shubhada M. Dhage, MD, FACS, *New York, NY*CO-MODERATOR: Amelia C. Grover, MD, FACS, *Richmond, VA*

Contemporary efforts have been made to understand the role of provider and patient factors such as cultural competency and unconscious bias play in effective health care outcomes. A broader understanding of "cultural competency" now pervades most industries, including the health care arena. Bias, however, is rarely discussed. It is not easily eradicated by education alone; rather it involves deep-seated emotions and opinions that humans carry, often unaware of their existence. This Panel Session will explore the definitions of cultural competency and bias, and strategies for dealing with biases in our encounters with colleagues and patients. An additional focus of this session will be effective evidence-based strategies for teaching cultural competency and unconscious bias to surgeons in training and faculty.

Introduction

Expert Panel Discussion

Shubhada M. Dhage, MD, FACS, *New York, NY*Brian Gittens, EdD, SPHR, SHRM, SCP, *Madison, WI*Danny M. Takanishi, Jr, MD, FACS, *Honolulu, HI*

Questions and Answers

Amelia C. Grover, MD, FACS, *Richmond, VA*

Sponsored by the Committee on Diversity Issues

PS218 | 9:45-11:15 am**Ergonomics for Surgeons: Preventing Work-Related Injuries**

LOCATION: 6D

TRACK(S): GEN, RUS

MODERATOR: Philip R. Caropreso, MD, FACS, *Iowa City, IA*CO-MODERATOR: Mark T. Savarise, MD, FACS, *South Jordan, UT*

Ergonomic issues for the aging surgeon have become more complicated with the advent of laparoscopy. Surgeons develop neck problems from open abdominal surgery. Laparoscopy has led to hip and back problems and carpal tunnel injuries. Surgeons have had to learn new techniques to safely and efficiently perform surgery with new

technologies. This panel will review the ergonomics of current surgical practice, strategies to improve operational ergonomics and the potential impact robotic surgery may have on surgical practice longevity.

Introduction: Surgeons' Six C's and Their Consequences
Philip R. Caropreso, MD, FACS, *Iowa City, IA*

A Senior Surgeon's Experience with Ergonomics in a Community Practice: The Transition from Open to Minimally Invasive Operations
Mario A. Cerame, MD, FACS, *Hilton Head Island, SC*

An Academic/Urban Surgeon and Ergonomics in a Medical Center Environment
Tatiana Catanzarite, MD, *La Jolla, CA*

Ergonomics and Specialty Surgical Practice: The Impact of Robotic Surgery
David Caropreso, MD, FACS, *Madison, WI*

Operational Ergonomics in All Environments and for All Generations

Yvonne Savarise, PT, DPT, *South Jordan, UT*

Summary Ergonomics and Ending Surgeons' Physical Suffering

Mark T. Savarise, MD, FACS, *South Jordan, UT*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Rural Surgery

PS215 | 12:45-2:15 pm

Management of Pancreatic Cystic Neoplasms



LOCATION: 5AB

TRACK(S): GEN

MODERATOR: Nipun B. Merchant, MD, FACS, *Miami, FL*

CO-MODERATOR: Sharon M. Weber, MD, FACS, *Madison, WI*

Pancreatic cystic masses are being detected with significantly increased frequency and require careful consideration for additional follow-up, intervention, and even surgical treatment. This is an evolving and complex field, and general surgeons should be up to date on the latest findings.

Introduction

Sharon M. Weber, MD, FACS, *Madison, WI*

Diagnostic Accuracy: Do We Really Know What the Type of Cyst Is?

Clifford S. Cho, MD, FACS, *Ann Arbor, MI*

American Gastroenterological Association (AGA) vs. Modified Sendai Guidelines for Selective Operative Intervention of Asymptomatic Side Branch Intraductal Papillary Mucinous Neoplasm

Cristina R. Ferrone, MD, FACS, *Boston, MA*

American Gastroenterological Association (AGA) vs. Modified Sendai Guidelines: What Is the Optimal Surveillance Strategy?

Ajay V. Maker, MD, FACS, *Chicago, IL*

Questions

Nipun B. Merchant, MD, FACS, *Miami, FL*

Case Presentations with Audience Response

Sharon M. Weber, MD, FACS, *Madison, WI*

Sponsored by the Advisory Council for General Surgery

PS216 | 12:45-2:15 pm

Caring for the Patient with an Inflamed Breast: It's Not Always Cancer



LOCATION: 20A

TRACK(S): GEN, ONC

MODERATOR: John C. Russell, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Paula M. Termuhlen, MD, FACS, *Duluth, MN*

The panel will discuss the following inflammatory breast diseases and present an approach to diagnosis and treatment: Inflammatory diseases of the lactational and non-lactational breast, recurrent periareolar abscesses, granulomatous mastitis, and inflammatory changes of the post lumpectomy breast.

Introduction

John C. Russell, MD, FACS, *Albuquerque, NM*

Inflammatory Conditions of the Lactating and Non-Lactating Breast

Malini Iyer, MB, BS, FACS, *Wynnewood, PA*

Management of Chronic Recurrent Periareolar Abscesses

Rebecca M. Tuttle, MD, *Centerville, OH*

Granulomatous Mastitis

Rebecca K. Viscusi, MD, FACS, *Tucson, AZ*

Inflammatory Conditions of the Post Lumpectomy Breast

Miraj S. Khan, MD, FACS, *Milwaukee, WI*

Audience Questions and Case Discussions

Paula M. Termuhlen, MD, FACS, *Duluth, MN*

John C. Russell, MD, FACS, *Albuquerque, NM*

Sponsored by the Advisory Council for General Surgery

PS217 | 12:45-2:15 pm

Crisis Management in the Operating Room



LOCATION: 20D

TRACK(S): EDU, GEN, TRA

MODERATOR: Steven B. Johnson, MD, FACS, *Phoenix, AZ*

CO-MODERATOR: Kenneth A. Lipshy, MD, FACS, *Hampton, VA*

Educating surgical teams about human error as it relates to an operating room crisis and how to mitigate the effects of those errors helps teams to be highly functional in various circumstances. Because critical clinical events are rare, few health care professionals have experience in crisis management. Furthermore, even senior surgeons are vulnerable and may miss the early signs of a developing situation resulting in a delay in taking appropriate action. Understanding the concepts of human error, team leadership, and response strategies may mitigate the consequences of a crisis event.

Crisis Management for Unanticipated Events: Understanding Vulnerabilities and Avoiding Maladaptive Responses
Kenneth A. Lipshy, MD, FACS, *Salisbury, NC*

Cognitive Aids to Improve Performance in a Crisis

William R. Berry, MD, FACS, *Needham, MA*

Creating High Reliability Teams for a Crisis—

The Anesthesiologist Perspective

Ruth Fanning, MD, *Stanford, CA*

Simulation Training for Crisis Management—AORN

Paula R. Graling, DNP, RN, CNOR, FAAN, *Falls Church, VA*

Secondary Victim and Team Resilience
Sharmila Dissanaiké, MD, FACS, *Lubbock, TX*
Sponsored by the Committee on Ethics and the Committee on Perioperative Care

PS219 | 12:45-2:15 pm
U.S. Presidents and Their Surgical Care



LOCATION: 6B

TRACK(S): EDU, GEN

MODERATOR: Theodore N. Pappas, MD, FACS, *Durham, NC*
CO-MODERATOR: John B. Hanks, MD, FACS, *Charlottesville, VA*

This panel will review both the elective and emergency surgical care that Presidents of the U.S. have received. The variability of care after assassination attempts is illustrated by comparing that associated with the fatal outcome of Garfield and that associated with the rapid recovery of Reagan. The effect of the office on operative decisions and selection of operative procedure is illustrated by the emergency surgery for the bowel obstruction of Eisenhower and the elective cholecystectomy of Lyndon B. Johnson. Prior to the digital age surgical procedures were even performed in secret, as was the removal of the palatine tumor of Cleveland, presumably to avoid alarming the electorate. The compromises with standard care that have been necessary are the considerations involving security, privacy, and governmental continuity.

Introduction

Theodore N. Pappas, MD, FACS, *Durham, NC*

The Clandestine Operations on President Grover Cleveland and Why They Were Kept a Secret

J. Patrick O'Leary, MD, FACS, *Miami, FL*

Emergency Surgery for the Chief Magistrate: President Eisenhower and His Bowel Obstruction

Justin Barr, MD, PhD, *Durham, NC*

Presidential Assassinations: What Went Wrong With the Care of President Garfield?

John B. Hanks, MD, FACS, *Charlottesville, VA*

Lyndon B. Johnson: Considerations of an Elective Cholecystectomy for a Sitting President

Theodore N. Pappas, MD, FACS, *Durham, NC*

Discussion and Questions

Theodore N. Pappas, MD, FACS, *Durham, NC*

Sponsored by the American College of Surgeons History Group

PS220 | 12:45-2:15 pm
When Does a Vascular Surgeon Call a General Surgeon?



LOCATION: 33ABC

TRACK(S): GEN, RUS, VAS

MODERATOR: John F. Eidt, MD, FACS, *Dallas, TX*
CO-MODERATOR: J. Patrick Walker, MD, FACS, *Crockett, TX*

This panel session will address the general surgical complications of vascular disease and the treatments of vascular disease. Topics will include: aortoenteric fistulae after aortic grafts; colon ischemia after aortic surgery; bowel ischemia after mesenteric ischemia without and with revascularization; mesenteric venous thrombosis; and necrotizing fasciitis.

Management of the Ischemic Colon after Aortic Reconstruction

John F. Eidt, MD, FACS, *Dallas, TX*

Abdominal Compartment Syndrome: What to Do?

J. Patrick Walker, MD, FACS, *Crockett, TX*

Median Arcuate Ligament Syndrome: The Team Approach

Michael B. Silva, Jr., MD, FACS, *Galveston, TX*

Aorto Enteric Erosion: What is the Best Management?

James H. Black III, MD, FACS, *Baltimore, MD*

Visceral Injury during Vascular Surgery

Spence M. Taylor, MD, FACS, *Greenville, SC*

Sponsored by the Advisory Council for Vascular Surgery and the Advisory Council for Rural Surgery

PS221 | 12:45-5:00 pm
Association of Program Directors in Surgery (APDS) Panels



LOCATION: 7AB

TRACK(S): EDU, RES/MED

MODERATOR: Paul J. Schenarts, MD, FACS, *Omaha, NE*

CO-MODERATOR: John M. Green, MD, FACS, *Charlotte, NC*

The Association of Program Directors in Surgery (APDS) presents two panels on key issues in surgery resident education. The first panel is titled: Challenges and Opportunities in Military Surgical Training. The second panel is titled: Opportunities and Challenges of Industry Collaboration and Support in Surgical Education. Panels will include talks by expert speakers as well as a panel discussion. The annual APDS Business Meeting will follow the Panel Session from 4:15 to 5:00 pm.

Panel I: Challenges and Opportunities in Military Surgical Training

Introduction

John M. Green, MD, FACS, *Charlotte, NC*

Paul J. Schenarts, MD, FACS, *Omaha, NE*

Expert Panelist Discussion

Vance Y. Sohn, MD, FACS, *Tacoma, WA*

E. Matthew Ritter, MD, FACS, *Bethesda, MD*

Robert M. Cromer, MD, FACS, *Biloxi, MS*

Jason W. Kempenich, MD, FACS, *San Antonio, TX*

Discussion

Paul J. Schenarts, MD, FACS, *Omaha, NE*

Panel 2: Opportunities and Challenges of Industry Collaboration and Support in Surgical Education

Introduction

John M. Green, MD, FACS, *Charlotte, NC*

Expert Panelist Discussion

Bruce Gingles, *Bloomington, IN*

Pamela A. Martin, MD, *Cincinnati, OH*

Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

William Havron, MD, FACS, *Orlando, FL*

Discussion

John Miller Green, MD, FACS, *Charlotte, NC*

Sponsored by the Association of Program Directors in Surgery and the Division of Education

PS222 | 2:30-4:00 pm**Optimal Abdominal Wall Reconstruction: Part I**

LOCATION: Hall F

TRACK(S): GEN, PLA, TRA

MODERATOR: Brent D. Matthews, MD, FACS, *Charlotte, NC*CO-MODERATOR: Alfredo M. Carbonell, DO, FACS, *FACOS, Greenville, SC*

This panel will focus on component separation, biological and meshed materials for abdominal wall reconstruction, and how best to treat these difficult patients.

Prehabilitation and Enhanced Recovery after Surgery (ERAS) for Abdominal Wall Reconstruction (AWR)

Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

Surgical Decision Making: Selecting a Technique for AWR

James G. Bittner IV, MD, FACS, *Richmond, VA*

What Are the Consequences for Mesh Location?

Jeffrey A. Blatnik, MD, *St. Louis, MO*

Does Wound Classification Affect Mesh Selection?

John P. Fischer, MD, *Philadelphia, PA*

Onlay Technique for AWR

Guy R. Voeller, MD, FACS, *Memphis, TN*

Rives Stoppa Retrorectus Repair for AWR

Jacob A. Greenberg, MD, FACS, *Madison, WI*

Transversus Abdominus Release (TAR) for AWR

Yuri W. Novitsky, MD, FACS, *Cleveland, OH*

Laparoscopic TAR for AWR

Igor Belyansky, MD, FACS, *Annapolis, MD*

Robotic TAR for AWR

Jeremy A. Warren, MD, FACS, *Greer, SC*

The Americas Hernia Society Quality Collaborative:

What Have We Learned about AWR?

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Sponsored by the Advisory Council for Plastic and Maxillo-facial Surgery and the Advisory Council for General Surgery

PS223 | 2:30-4:00 pm**A Night on Call in the Intensive Care Unit (ICU)**

LOCATION: 20A

TRACK(S): TRA

MODERATOR: George C. Velmahos, MD, PhD, FACS, *Boston, MA*CO-MODERATOR: Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

This session will focus on challenging but practical real-life cases presented to a panel of critical care experts. Each of these cases will be centered around common problems that are associated with a diagnostic dilemma or treatment decision. The experts will be selected carefully based on their experience in dealing with these problems. Practical take-home messages, tips, and tricks will be offered for each of the critical care issues addressed by these cases. Audience interaction will be encouraged through the use of an audience response system.

Case Presentations and Panel Discussion

Paula Ferrada, MD, FACS, *Richmond, VA*

Daniel D. Yeh, MD, FACS, *Boston, MA*

George C. Velmahos, MD, PhD, FACS, *Boston, MA*

Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

Marc A. deMoya, MD, FACS, *Milwaukee, WI*

Walter L. Biffl, MD, FACS, *Denver, CO*

Sponsored by the Committee on Trauma

PS224 | 2:30-4:00 pm**Neuromodulation in the Functional Pelvis**

LOCATION: 9

TRACK(S): CRS, OBG

MODERATOR: Ian M. Paquette, MD, FACS, *Cincinnati, OH*CO-MODERATOR: Melissa Kaufman, MD, PhD, *Nashville, TN*

Technology has produced a number of devices that can stimulate nerves to improve physiologic function. These vary from stimulation to improve urinary and fecal incontinence, to methods to improve gastric emptying and constipation.

Introduction

Ian M. Paquette, MD, FACS, *Cincinnati, OH*

Sacral Neuromodulation Mechanism of Action

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

Clinical Efficacy of Sacral Neuromodulation (SNM) in Bowel Disorders

Joshua I. Bleier, MD, FACS, FASCRS, *Philadelphia, PA*

Sacral Neuromodulation (SNM) for Bladder Disorders:

Where Does it Fit in the Treatment Algorithm?

Karen Noblett, MD, *Riverside, CA*

Sacral Neuromodulation (SNM) Implantation Tips and

Tricks and Postoperative Troubleshooting

Jannah Thompson, MD, *Grand Rapid, MI*

Sponsored by the Advisory Council for Urology and the Advisory Council for Colon and Rectal Surgery

PS225 | 2:30-4:00 pm**Colitis for Acute Care Surgeon: Infectious, Ischemic, and Inflammatory**

LOCATION: 20D

TRACK(S): CRS, GEN, TRA

MODERATOR: Hasan B. Alam, MD, FACS, *Ann Arbor, MI*CO-MODERATOR: Walter E. Longo, MD, FACS, *New Haven, CT*

Acute care surgeons are frequently required to manage patients with severe colitis of various etiologies (for example, c diff, ischemic, ulcerative colitis). Many new management options (surgical and medical) are now available, and how to best treat these patients is often unclear. Experts will be invited to analyze the new studies and suggest practical management guidelines.

Fulminant Clostridium Difficile Colitis: The Colon Must Go

Matthew J. Martin, MD, FACS, *Tacoma, WA*

Fulminant Clostridium Difficile Colitis: Ileostomy and

Lavage Is Superior

Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

Fecal Transplant and New Drugs: Incorporating New Developments into the Treatment Paradigm
Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

Ischemic Colitis: A Practical Management Approach
Walter E. Longo, MD, FACS, *New Haven, CT*

Balancing Medical and Surgical Care in Inflammatory Bowel Disease (IBD): When to Operate?
Scott E. Regenbogen, MD, FACS, *Ann Arbor, MI*

Wash, Drain, or Divert: Have the New Treatments Made Hartman's Procedure Obsolete?
Scott R. Steele, MD, FACS, FASCRS, *Cleveland, OH*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Committee on Trauma

PS226 | 2:30-4:00 pm

Evolving Concepts in the Eighth Edition American Joint Committee on Cancer (AJCC) Staging Manual Systems: Breast Cancer, Colorectal and Melanoma

LOCATION: 3

TRACK(S): GEN, ONC, RUS

MODERATOR: David J. Winchester, MD, FACS, *Evanston, IL*
CO-MODERATOR: David R. Byrd, MD, FACS, *Seattle, WA*

Surgical treatment and adjuvant therapies are directed by staging. The *Eighth Edition of the American Joint Committee on Cancer Staging Manual* will become effective January 1, 2018, and will include important changes from the Seventh Edition, in particular, the addition of molecular markers. This panel symposium will include speakers who will provide a synopsis of these changes for the general surgeon. The presentations will include an overview of organizational changes in the manual, highlighting the incorporation of predictors and prognosticators in staging schemes, and an overview of changes in staging of breast cancer, colon and rectal cancer, and melanoma. The session will conclude with staging examples and questions and answers.

Symposium Objectives and Introduction of Panelists
David J. Winchester, MD, FACS, *Evanston, IL*

Organizational Changes of the Eighth Edition
David R. Byrd, MD, FACS, *Seattle, WA*

Breast Cancer Overview
David J. Winchester, MD, FACS, *Evanston, IL*

Colon and Rectum Cancer Overview
Frederick L. Greene, MD, FACS, *Charlotte, NC*

Melanoma Overview
Jeffrey E. Gershenwald, MD, FACS, *Houston, TX*

Staging Examples, Questions and Answers
David R. Byrd, MD, FACS, *Seattle, WA*

Sponsored by the ACS Clinical Research Program Education Committee and the Commission on Cancer



PS227 | 2:30-4:00 pm

Multi-Organ Pelvic Trauma

LOCATION: 32AB

TRACK(S): OBG, TRA, URO

MODERATOR: Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

CO-MODERATOR: Benjamin N. Breyer, MD, MAS, *San Francisco, CA*

Trauma surgeons are responsible for the initial diagnostic workup and stabilization of patients who have sustained multisystem trauma. This includes acute genitourinary (GU) trauma. Four common GU issues will be specifically addressed, including catheter-based management of the acutely injured urethra, bladder disruption, ureteric damage control, and operative renal injury management. By the end of this session the general surgeon will have a safe and practical approach to the initial management of these common GU injuries.

Urethral Injuries

Benjamin N. Breyer, MD, MAS, *San Francisco, CA*

Bladder Injuries

Ali Salim, MD, FACS, *Boston, MA*

Ureter Injuries

Thomas M. Scalea, MD, FACS, MCCM, *Baltimore, MD*

Kidney Injuries

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Sponsored by the Advisory Council for Urology and the Committee on Trauma

PS235 | 2:30-4:00 pm

Current State of Health Care Disparities in Surgery and Solutions for the Future

LOCATION: 5AB

TRACK(S): GEN, HUM

MODERATOR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCS(Eng)(Hon), FRCS(Ed)(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*

CO-MODERATOR: Adil H. Haider, MD, MPH, FACS, *Boston, MA*

Discuss the current state of health care disparities in surgery; present current knowledge regarding the role of providers, academic health centers and surgical leaders in mitigating disparities; and propose solutions aimed at providers, hospitals and surgical leaders that could lead to a reduction in health care disparities.

Introductory Remarks

David B. Hoyt, MD, FACS, *Chicago, IL*

Keynote Address

Disparities Associated with Treating Physicians and Interventions to Mitigate These

Lisa A. Cooper, MD, MPH, *Baltimore, MD*

The Role and Responsibilities of Academic Medical Centers in Reducing Surgical Disparities

Edward E. Cornwell, MD, FACS, FCCM, FWACS, *Washington, DC*



The Role Surgical Leaders Must Play in Order to Ensure Access and Equal Care for All Patients
Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), FRCS(Hon), FRCSEd(Hon), *Seattle, WA*

Sponsored by the ACS Military Health System Strategic Planning Partnership

PS236 | 2:30-4:00 pm

Controversies in the Surgical Management of Thyroid Cancer



LOCATION: 6B

TRACK(S): GEN, OTO

MODERATOR: Sareh Parangi, MD, FACS, *Boston, MA*

CO-MODERATOR: Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*

The surgical management of differentiated thyroid carcinoma remains controversial, particularly for small thyroid cancers. This panel session will review the current literature and guidelines and through case scenarios discuss: (1) indications and options for the extent of initial thyroid surgery (observation, lobectomy, total thyroidectomy); and (2) indications, pros and cons for prophylactic central neck dissection.

Introduction of the Panel

Sareh Parangi, MD, FACS, *Boston, MA*

Introduction of the Topics: Importance of These Topics to Surgeons Today

Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*

Molecular Markers: What Is the Value Proposition?

Julie A. Sosa, MD, FACS, *Durham, NC*

Differentiated Thyroid Cancer: Are Active Surveillance and Thyroid Lobectomy Practical Management Options in the Real World?

Catherine F. Sinclair, MD, FRACS, *New York, NY*

The Path Report Says Noninvasive Follicular Thyroid Neoplasm with Papillary Like Nuclear Features (NIFTP): What Do I Do Now?

Kepal N. Patel, MD, FACS, *New York, NY*

Outpatient Thyroidectomy: Is It Really Safe? How Do I Make It Work for My Practice?

Michael W. Yeh, MD, FACS, *Los Angeles, CA*

Medullary Thyroid Carcinoma (MTC): To Perform or Not Perform Elective Lateral Neck Dissection?

Mark E. Zafereo, MD, FACS, *Houston, TX*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology Head and Neck Surgery

PS228 | 2:30-4:00 pm

Ethics Colloquium: Ethical Challenges of Global Surgery



LOCATION: 14AB

TRACK(S): ETH, HUM, INT

MODERATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

CO-MODERATOR: Luke P. Brewster, MD, PhD, FACS, *Atlanta, GA*

This panel will consist of a pro and con discussion of a series of four cases to explore central ethical issues in global surgery. The topics addressed will include the following: What should the goals of global surgery be? Should the focus be on doing cases that could not normally be done in the local country or improving capacity of local surgeons? Should surgeons or surgical residents be allowed to do things abroad that they are not allowed to do at home? What are the appropriate standards of informed consent for global surgery? How should plans for global surgical outreach be altered in the face of great need such as natural or manmade disasters? Should standards of acceptable practice be changed for great need?

EXPERT PANELIST

William C. Wood, MD, FACS, *Atlanta, GA*

Girma Tefera, MD, FACS, *Madison, WI*

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Mark Siegler, MD, *Chicago, IL*

Henri R. Ford, MD, MHA, FACS, *Los Angeles, CA*

Introduction

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

Ethics Case I

What Should the Goals of Global Surgery Be? Should We Be Focused on Doing Cases that Could Not Normally Be Done in the Local Country or Improving the Capacity of Local Surgeons?

Fiemu E. Nwariaku, MB, BS, FACS, *Dallas, TX*

What Should the Goals of Global Surgery Be? Should We Be Focused on Doing Cases that Could Not Normally Be Done in the Local Country or Improving the Capacity of Local Surgeons?

Mamta Swaroop, MD, FACS, *Chicago, IL*

Ethics Case II

Should Surgeons or Surgical Residents Be Allowed to Do Things Abroad That They Would Not Be Allowed To Do at Home?

Benedict C. Nwomeh, MD, MPH, FACS, *Columbus, OH*

Jahnavi K. Srinivasan, MD, FACS, *Atlanta, GA*

Ethics Case III

What Are the Appropriate Standards of Informed Consent for Global Surgery? Should Surgeons Insist on the Standards of Their Own Country or Go Along With Locally Accepted Practice?

Jonathan D. Pollock, MD, FACS, *Decatur, GA*

What Are the Appropriate Standards of Informed Consent For Global Surgery? Should Surgeons Insist on the Standards of Their Own Country or Go Along With Locally Accepted Practice?

Raymond R. Price, MD, FACS, *Salt Lake City, UT*

Ethics Case IV

How Should Plans for Global Surgical Outreach Be Altered in the Face Of Great Need Such as Natural or Man-Made Disasters? Should Standards of Acceptable Practice Be Changed for Great Need?

Anji Wall, MD, PhD, *Nashville, TN*

How Should Plans for Global Surgical Outreach Be Altered in the Face Of Great Need Such as Natural or Manmade Disasters? Should Standards of Acceptable Practice Be Changed for Great Need?

Kathleen M. Casey, MD, FACS, *Newport, RI*

Sponsored by the Committee on Ethics

PS229 | 4:15-5:45 pm

Novel Endoscopic and Minimally Invasive Techniques for Esophageal Dysmotility and Reflux Disease

LOCATION: 6B

TRACK(S): CTS, GEN

MODERATOR: Brian E. Louie, MD, FACS, *Seattle, WA*

CO-MODERATOR: William O. Richards, MD, FACS, *Mobile, AL*

Diagnostic and therapeutic approaches to esophageal dysmotility is a rapidly advancing field and one with innovations that require continuous reappraisal, study, and ongoing development of expertise. This session will review relatively novel approaches to esophageal dysmotility, including endoscopic therapies such as peroral esophageal myotomy (POEM), Linx magnetic bracelet therapy, and other therapeutic endoscopic therapies, as well as diagnostic modalities including high resolution manometry.

Introduction

Brian E. Louie, MD, FACS, *Seattle, WA*

Functional and Endoluminal Evaluation of Patients with Dysphagia

Sumeet K. Mittal, MD, FACS, *Omaha, NE*

Peroral Endoscopic Myotomy (POEM) for Primary Motility Disorders

Christy M. Dunst, MD, *Portland, OR*

Treatment of Dysphagia Post Gastro-Esophageal Junction (GEJ) Surgery

Kyle A. Perry, MD, FACS, *Columbus, OH*

Magnetic Sphincter Augmentation for Gastro-Esophageal Reflux Disease (GERD) and Ineffective Esophageal Motility (IEM)

Francis P. Buckley, MD, FACS, *Round Rock, TX*

Treatment of Motility Disorders Secondary to Gastro-Esophageal Reflux Disease (GERD)

Ralph W. Aye, MD, FACS, *Seattle, WA*

Discussion and Cases

Brian E. Louie, MD, FACS, *Seattle, WA*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Cardiothoracic Surgery



PS230 | 4:15-5:45 pm

Challenging Emergency Surgery Cases: Lessons from the Experts



LOCATION: Hall F

TRACK(S): GEN, RUS, TRA

MODERATOR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*

CO-MODERATOR: John Fildes, MD, FACS, *Las Vegas, NV*

This fast-paced session will take you through a night on call for emergency general surgery and present complex and challenging emergency general surgery cases discussed by a panel of experts. These expert surgeons will share their experience and expertise in diagnosing and treating the vast array of emergency surgical diseases.

Acute Care Surgery: Case Presentations

Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Philip S. Barie, MD, FIDSA, FCCM, FACS, *New York, NY*

Thomas M. Scalea, MD, FACS, MCCM, *Baltimore, MD*

Gregory J. Jurkovich, MD, FACS, *Sacramento, CA*

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS231 | 4:15-5:45 pm

American College of Surgeons (ACS) Operative Standards for Cancer Surgery



LOCATION: 2

TRACK(S): GER, ONC, RUS

MODERATOR: Matthew H. G. Katz, MD, FACS, *Houston, TX*

CO-MODERATOR: Waddah B. Al Refaie, MD, FACS, *Washington, DC*

Standards for the technical performance of common or complex cancer surgery must be established, disseminated, and upheld to achieve optimal therapeutic outcomes and quality metrics. Data to support specific approaches to oncologically critical elements of cancer surgery are all too often unknown or incomplete. The conduct of specific oncologic procedures is therefore often variable. To address this important gap, the optimal techniques for cancer surgery—as based upon a critical evaluation of literature—have been cataloged by the American College of Surgeons Clinical Research Program in the *Operative Standards for Cancer Surgery* manuals. In this session, evidence-based methods for the performance of major operations of the colon, rectum, breast, and upper gastrointestinal tract—and the up-to-date data to support them—will be reviewed, and major related controversies highlighted.

Introduction

Matthew H. G. Katz, MD, FACS, *Houston, TX*

Waddah B. Al Refaie, MD, FACS, *Washington, DC*

Melanoma: Oncologic Standards of Surgery

John M. Kane III, MD, FACS, *Buffalo, NY*

Colorectal Cancer: Oncologic Standards of Surgery

Amy L. Halverson, MD, FACS, FASCRS, *Chicago, IL*

Gastric Cancer: Oncologic Standards of Surgery

Ryan C. Fields, MD, FACS, *St. Louis, MO*

Sponsored by the ACS Clinical Research Program Education Committee and the Commission on Cancer

PS232 | 4:15-5:45 pm**The Management of Penetrating Injury to the Neck: A Multidisciplinary Approach**

LOCATION: 20BC

TRACK(S): TRA, VAS

MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*CO-MODERATOR: Ronald M. Stewart, MD, FACS, *San Antonio, TX*

The treatment of traumatic injury to the neck continues to be a significant source of dynamic tension in some institutions. Vascular injury to the vessels of the neck is but one aspect that carries some controversies, especially in the setting of newer endovascular techniques. This panel session will provide the attendees evidence-based discussions regarding the treatment of patients with penetrating neck injury, traumatic dissections, and the prioritization of treatment when injuries are complicated by c spine fractures and/or dislocations. A series of treatment algorithms will be presented and further developed during the panel discussions.

Overview and Epidemiology of Penetrating Neck Injuries
Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

Management of Aerodigestive Injuries
Mark E. Whipple, MD, FACS, *Seattle, WA*

Operating Room vs. Angio Suite: The Management of Vascular Injuries
Alexander Khelessi, MD, *San Diego, CA*

Management of Spine Trauma in Penetrating Neck Injury: The Intensive Care Unit (ICU) Experience

Initial Management and Decision Making for Penetrating Neck Injury
Ronald M. Stewart, MD, FACS, *San Antonio, TX*

Sponsored by the Advisory Council for Neurological Surgery and the Committee on Trauma

**PS233** | 4:15-5:45 pm**Quality Lessons Learned from Bariatric Surgery**

LOCATION: 33ABC

TRACK(S): GEN

MODERATOR: Stacy A. Brethauer, MD, FACS, *Cleveland, OH*CO-MODERATOR: Anthony T. Petrick, MD, FACS, *Danville, PA*

Bariatric surgery is a rapidly expanding field and has demonstrated multiple gains in quality improvement. With 800 hospitals in the Metabolic and Bariatric Surgery Accreditation Quality Improvement Program (MBSAQIP), there are multiple opportunities for intervention. This session will review standards, site review, and quality improvement initiatives like decreasing readmissions, enhanced recovery, opiate detoxification, medication reconciliation and patient satisfaction. Quality improvement techniques like LEAN, Six Sigma, and PDSA will also be described.

The Evolution of Quality in Bariatric Surgery: From the Wild West to Creation of MBSAQIP

Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

The Current State of Quality in Bariatric Surgery—MBSAQIP

Anthony T. Petrick, MD, FACS, *Danville, PA*

Running a National Quality Improvement Project—Lessons Learned from DROP

John M. Morton, MD, MPH, FACS, FASMBS, *Stanford, CA*

Does Accreditation Matter in Bariatric Surgery?

Ninh T. Nguyen, MD, FACS, *Orange, CA*

Patient-Centered Outcomes in Bariatric Surgery

Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*

Panel Discussion

Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

Sponsored by the Bariatric Advisory Committee and the Advisory Council for General Surgery

PS234 | 4:15-5:45 pm**Money Does Not Grow on Fees**

LOCATION: 31BC

TRACK(S): EDU, HP

MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*CO-MODERATOR: Michael J. Sutherland, MD, FACS, *Little Rock, AR*

This session will describe the shift away from fee for service (FFS) and the domains it will affect, including the following: appropriateness related to indication, age, and risk group, greater use of gadgets to compete for market share, and greater use of output setting surgery. This session will describe what we think vs. what we know about the implications of shifting away from FFS-based on quasi-experimental data (surgical care in U.S. vs. Europe, before/after data, regional comparisons). This session will describe concepts of value-based purchasing (VBP) in surgery and show examples. This session also will explain how Accountable Care Organization (ACO), warranties, and bundled payments include aspects of VBP and how far away this state is from reality for surgeons. This session will describe the financial threat of shift to VBP, implications for incentives, workload, work force if we take one in three dollars out of surgery and shift from revenue to cost center. How market forces are supporting this transition and how to lead the way from FFS to VBP while transitioning also will be discussed.

Introduction

David R. Flum, MD, MPH, FACS, *Seattle, WA*

An Update in the Changing Landscape of Physician Reimbursement

Michael J. Sutherland, MD, FACS, *Little Rock, AR*

Alternative Payment Models (APMs), Medicare Access and CHIP (Children's Health Insurance Program) Reauthorization Act (MACRA), Merit-based Incentive Payment System (MIPS), and Quality Payment Program (QPP): The Programs that Define Physician Reimbursement

Frank G. Opelka, MD, FACS, *Washington, DC*

The Surgeon's Role in Leading Health System Change

David R. Flum, MD, MPH, FACS, *Seattle, WA*

Questions and Discussion

Michael J. Sutherland, MD, FACS, *Little Rock, AR*

Sponsored by the Surgical Research Committee and the Health Policy and Advocacy Group



Wednesday, October 25

PS300 | 8:00-9:30 am

Optimal Abdominal Wall Reconstruction: Part II



LOCATION: Hall F

TRACK(S): GEN, PLA, TRA

MODERATOR: Michael J. Rosen, MD, FACS, *Solon, OH*

CO-MODERATOR: B. Todd Heniford, MD, FACS, *Charlotte, NC*

This symposium will focus on preventing and managing complications in abdominal wall reconstruction.

An Ounce of Prevention Is Worth a Pound of Cure:
Preoperative Optimization and How You Can Improve
Your Outcomes

Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

The Tough Incisional Hernia: How to Keep Yourself Out of
Trouble and Common Mistakes I've Made in the Past -
Technical Pearls and Pitfalls

Alfredo M. Carbonell, DO, FACS, FACOS, *Greenville, SC*

It's the Little Things That Matter: How Botox, Skin Closure
Techniques, Excessive Skin Resection, Delayed Closure,
Negative Pressure Closures Can All Improve Your
Outcomes

Paul D. Colavita, MD, *Charlotte, NC*

How Do I Take Care of a Complex Abdominal Wall Case
Postoperatively? Antibiotics, Surgical Intensive Care Unit
(SICU), Intubation, Drains, and So On

David M. Krpata, MD, *Cleveland, OH*

How Do I Track My Outcomes and How Do I Know
If I Need to Improve? Using the American Hernia Society
Quality Collaborative (AHSQC) to Improve Your Individual
Outcomes

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Economic Impact of Complex Abdominal Wall Reconstruc-
tion: Can We See Into the Future?

John P. Fischer, MD, *Philadelphia, PA*

*Sponsored by the Advisory Council for Plastic and Maxillo-
facial Surgery, the Committee on Trauma, and the Advisory
Council for General Surgery*

PS301 | 8:00-9:30 am

Management of Stage IV Colorectal Cancer



LOCATION: 20A

TRACK(S): CRS, GEN, ONC

MODERATOR: Karin M. Hardiman, MD, PhD, FACS,
Ann Arbor, MI

CO-MODERATOR: Alexander A. Parikh, MD, MPH, FACS,
Nashville, TN

The management of metastatic colorectal cancer has been evolving. With the frequent introduction of new chemo-
therapeutic medications, patient outcomes are shifting and
changing all of the time. This panel will discuss what to
expect with the Stage IV colorectal cancer patient, the
surgically related complications related to palliative che-
motherapy and radiation, and, most importantly, when to
operate and when not to operate.

Overview of Stage IV Colorectal Cancer

Tony R. Reid, MD, *La Jolla, CA*

Role of Surgery in the Treatment of Metastatic
Colorectal Cancer

Alexander A. Parikh, MD, MPH, FACS, *Nashville, TN*

Role of Hyperthermic Intraperitoneal Chemotherapy
(HIPEC) in the Treatment of Carcinomatosis Due to
Colorectal Cancer

Richard E. Royal, MD, FACS, *Houston, TX*

Management of Synchronous Stage IV Colorectal Cancer

Karin M. Hardiman, MD, FACS, PhD, *Ann Arbor, MI*

The Role of Palliative Surgery in the Management of
Colorectal Cancer

Robert S. Krouse, MD, FACS, *Tucson, AZ*

Treatment of the Complications of Chemotherapy and
Radiation for Stage IV Colorectal Cancer

Pasithorn A. Suwanabol, MD, *Ann Arbor, MI*

*Sponsored by the Advisory Council for General Surgery and
the Advisory Council for Colon and Rectal Surgery*

PS302 | 8:00-9:30 am

Shared Decision Making for Treatment of Uncomplicated Appendicitis



LOCATION: 20BC

TRACK(S): EDU, GEN, TRA

MODERATOR: Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

CO-MODERATOR: Katherine J. Deans, MD, FACS, *Columbus, OH*

Through establishment of a research agenda for the next
10 years, the ACS will play a pivotal role in translational
research that integrates evidence-based and patient cen-
tered care. Appendicitis serves as an exemplar condition for
this process. Appendectomy is the most common urgent
abdominal operation performed in the U.S. There are now
five randomized trials from Europe that suggest that antibi-
otics may change the natural history of acute appendicitis—
and that some patients can be treated with antibiotics only.
These data have generated intensive debate in the surgical
community and concern in the lay media. This session will
address the ACS research agenda in the light of current
efforts to provide evidence-based recommendations and
achieve shared decision making for care.

Introduction

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

Status of Data on the Nonoperative management of
Appendicitis in Adults

David R. Flum, MD, MPH, FACS, *Seattle, WA*

Status of Data on Nonoperative Management (NOM) of
Appendicitis in Children

Shawn D. St. Peter, MD, FACS, *Kansas City, MO*

The Role of Shared Decision Making in Appendicitis Care:
Are We Ready?

Peter C. Minneci, MD, FACS, *Columbus, OH*

Panel and Audience Discussion

Katherine J. Deans, MD, FACS, *Columbus, OH*

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

*Sponsored by the Surgical Research Committee and the
Advisory Council for General Surgery*

PS303 | 8:00-9:30 am**Management of Acute and Chronic Pleural Disease**

LOCATION: 6D

TRACK(S): CTS, RUS, TRA

MODERATOR: Elizabeth A. David, MD, *Sacramento, CA*CO-MODERATOR: Leah M. Backhus, MD, MPH, FACS, *Stanford, CA*

This session will review the current recommendations and algorithms for management the acute and chronic pleural space, including therapy for empyema, malignant pleural effusion, and the non-expansive lung. Panelists will discuss techniques for minimally invasive and open decortication, use of tissue plasminogen activator (TPA) and other enzymatic interventions, strategies for pleurodesis, surgical amelioration of prolonged air leaks including endobronchial valves, and tunneled indwelling pleural drainage catheters.

Infections of the Pleura: Decortication and Nonsurgical Options
Jenifer L. Marks, MD, FACS, *Aurora, CO*

Management of Pneumothorax
Robert A. Meguid, MD, MPH, FACS, *Aurora, CO*

Surgical/Nonsurgical Management of Prolonged Air Leaks
Anthony W. Kim, MD, FACS, *New Haven, CT*

Update on Pleural Drainage Systems
Melanie A. Edwards, MD, FACS, *St. Louis, MO*

Management of Pleural Effusions
Jane Yanagawa, MD, *Los Angeles, CA*

Update on Mesothelioma
Robert B. Cameron, MD, FACS, *Los Angeles, CA*

Sponsored by the Advisory Council for Cardiothoracic Surgery

**PS304** | 8:00-9:30 am**Global Engagement**

LOCATION: 6E

TRACK(S): HUM

MODERATOR: Girma Tefera, MD, FACS, *Madison, WI*

Introduction
Girma Tefera, MD, FACS, *Madison, WI*

Part I: Global Engagement–Operation Giving Back: Building Collaborative Platforms

Global Surgery Consortium: Why?
Haile T. Debas, MD, FACS, *San Francisco, CA*

Global Surgery Consortium: How?
William P. Schecter, MD, FACS, *San Francisco, CA*

Global Surgery Consortium: Where?
Miliard D. Beyene, MD, FRCS, FCS-ECSA, *Addis Ababa, Ethiopia*

Part II: Domestic Engagement–Operation Giving Back

Why Should We Do It?
Scott A. Leckman, MD, FACS, *Salt Lake City, UT*

How I Did It
William P. Schecter, MD, FACS, *San Francisco, CA*

Role of Government/ Policy Maker? Hospital Leader?

**Part III: Open Mic**

World Health Organization Perspectives in the Implementation of Global Surgery
Walter D. Johnson, MD, MBA, MPH, FACS, *Geneva, Switzerland*

Sponsored by the Operation Giving Back

PS305 | 8:00-9:30 am**Controversies and the Appropriate Incorporation of Emerging Technologies in Multi-disciplinary Treatment of Liver and Pancreatic Cancer**

LOCATION: 7AB

TRACK(S): GEN, ONC

MODERATOR: Clancy J. Clark, MD, FACS, *Winston-Salem, NC*CO-MODERATOR: George J. Tsioulis, MD, FACS, *Astoria, NY*

Advances in technology and innovation are key drivers to move clinical practice forward. Novel treatment modalities have emerged in the surgical management of liver and pancreas cancer including minimally invasive surgery (MIS), associating liver partition and portal vein ligation (ALPPS) for staged hepatectomy, and irreversible electroporation (IRE). As these techniques are developed and promoted, surgeons need to assess their efficacy and safety and introduce them into practice carefully. Key matters addressed by the panel will include: Optimal introduction of these novel techniques into clinical practice; participation in current and future clinical trials and device registries; and challenges of adopting novel treatment modalities in the U.S. and internationally.

Introduction
George J. Tsioulis, MD, FACS, *Astoria, NY*

Past, Present, and Future of Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy (ALPPS)
Eduardo De Santibanes, MD, FACS, *Buenos Aires, Argentina*
Learning Curve, Training, and Opportunities for Innovation in Robotic Pancreatic Surgery
Herbert J. Zeh, III, MD, FACS, *Pittsburgh, PA*

Challenges of Vascular Resection and Reconstruction in Pancreatic Surgery

Registries, Clinical Trials, and Adoption of Institutional Review Board (IRB) into Clinic Practice
Robert C. G. Martin, MD, PhD, FACS, *Louisville, KY*

Closing Remarks and Panel Discussion
Clancy J. Clark, MD, FACS, *Winston-Salem, NC*

Sponsored by the International Relations Committee and the ACS Clinical Research Program Education Committee

PS336 | 8:00-9:30 am**French Academy of Surgery Exchange Program**

LOCATION: 1AB

TRACK(S): GEN

MODERATOR: Ronald V. Maier, MD, FACS, FRCSEd(Hon), *Seattle, WA*CO-MODERATOR: Yuman Fong, MD, FACS, *Duarte, CA*

The audience will learn of the latest technologic and outcomes results on commonly encountered surgical diseases through the insights of the global community. The

commonalities and variations to surgical treatment of these diseases will provide insight into the basic physiology and potential implementation of improvements in their own patient care. An increased understanding of the potential benefits of the global community efforts applied to a disease will be provided.

New Concepts in the Use of Hybrid Endoscopic Surgical Procedures

Silvana Perretta, MD, *Strasbourg, France*

Update on the Future of Laparoscopic and Robotic Pancreatic Resections in Europe

Laurent Sulpice, MD, PhD, *Rennes, France*

Outcomes of the Largest Trial to Date Assessing the Impact on Metabolic Hepatopathy Following Bariatric Surgery

Robert Caiazzo, MD, PhD, *Lille, France*

Insights into the Future of Liver Transplantation as a Global Therapy

Yuman Fong, MD, FACS, *Duarte, CA*

Sponsored by the Program Committee and the Division of Education

PS306 | 8:00-11:15 am

Surgical Jeopardy

LOCATION: 20D

TRACK(S): GEN, RES/MED

MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*

Adapted from the popular television game show, this program offers teams of residents the chance to showcase their surgical knowledge by competing to answer surgical questions.

SURGICAL JEOPARDY JUDGES

David R. Arbutina, MD, FACS, *Port Matilda, PA*

James W. Cook, MD, FACS, *Falls Church, VA*

James E. Wiedeman, MD, FACS, *Mather, CA*

SURGICAL JEOPARDY TEAMS

Cleveland Clinic

Hideo Takahashi, MD, *Beachwood, OH*

Antonios Sideris, MD, *Cleveland, OH*

Einstein Healthcare Network

Roshan D'Cruz, MB, BS, *Philadelphia, PA*

James Krupp, MD, *Philadelphia, PA*

Florida Atlantic University

Sana Qureshi, MB, BS, *Deerfield Beach, FL*

John Gigioli, MD, *Boca Raton, FL*

Florida Chapter

Armando Perez-Ginnari, MD, *Weston, FL*

Marina Gorelik, DO, *Miami, FL*

Illinois Chapter

Susan Wetzel, MD, *Springfield, IL*

Sarah Fedeli, MD, *Springfield, IL*

Kentucky Chapter

Jeffrey Howard, MD, *Louisville, KY*

William M. Whited, Jr., MD, *Louisville, KY*

Louisiana Chapter

Jessica Zagory, MD, *New Orleans, LA*

Jace Landry, MD, *New Orleans, LA*

Massachusetts Chapter

Thomas M. Ward, MD, *Boston, MA*

Jordan Secor, MD, *Boston, MA*

Montefiore Medical Center

Anna Liveris, MD, *New York, NY*

Jeffrey Lipman, MD, *Bronx, NY*

Nevada Chapter

Ethan Benning, MD, *Las Vegas, NV*

Christopher McNicoll, MD, *Las Vegas, NV*

Oregon Chapter

Sawyer Smith, MD, *Portland, OR*

Tarin Worrest, MD, *Portland, OR*

South Florida Chapter

Daniela Treitl, MD, *Miami Beach, FL*

Morris Sasson, MD, *Miami, FL*

South Texas Chapter

Thomas Muse, MD, *Temple, TX*

Chad M. Hall, MD, *Temple, TX*

The University of North Dakota

Katie Senter, MD, *Grand Forks, ND*

Trent Waage, MD, *Grand Forks, ND*

Tulane University

David T. Pointer, MD, *New Orleans, LA*

Morgan Martin, MD, *Hershey, PA*

University at Buffalo

Michael Wach, MD, *Buffalo, NY*

Jarrett Santorelli, MD, *Buffalo, NY*

University of California, San Francisco–Fresno

Erinn Kim, MD, *Fresno, CA*

John Koo, MD, *Fresno, CA*

University of Colorado Surgical Residency Program

Irada Ibrahim-Zada, MD, PhD, *Aurora, CO*

Bradley Wallace, MD, *Aurora, CO*

University of Kentucky

Samuel Carmichael, MD, *Lexington, KY*

Peter Stafford, MD, *Lexington, KY*

University of Oklahoma

Chance Nichols, MD, *Oklahoma City, OK*

Magendran Danapal, MD, *Edmond, OK*

University of Toledo

Matthew Goodwin, MD, *South Rockwood, MI*

Mohamed Elfedaly, MB, ChB, *Toledo, OH*

Virginia Mason Medical Center

Rachel Heneghan, MD, *Seattle, WA*

Gregory Lisse, MD, *Seattle, WA*

Walter Reed Medical Center

Patrick F. Walker, MD, *Bethesda, MD*

William J. Parker IV, MD, *Beltsville, MD*

Washington University

Michael Onwugbutor, MD, *St. Louis, MO*

Matthew R. Schill, MD, *St. Louis, MO*

Sponsored by the Resident and Associate Society

PS307 | 9:45-11:15 am**Challenging Trauma Cases: Here and Abroad**

LOCATION: Hall F

TRACK(S): GEN, INT, TRA

MODERATOR: Eileen M. Bulger, MD, FACS, *Seattle, WA*CO-MODERATOR: Sonlee D. West, MD, FACS, *Albuquerque, NM*

A panel of experts will present a series of real-world trauma cases that give even the seasoned trauma surgeon pause. Audience participation coupled with the expert panel will assure a lively debate that is both enjoyable and educational for all involved.

PANELISTS

Kimberly A. Davis, MD, MBA, FACS, FCCM, *New Haven, CT*Maria F. Jimenez, MD, FACS, *Bogota, Colombia*Joseph Cuschieri, MD, FACS, *Seattle, WA*Megan Brenner, MD, FACS, *Baltimore, MD*Gregory J. Jurkovich, MD, FACS, *Sacramento, CA*Karen J. Brasel, MD, FACS, *Portland, OR*

Sponsored by the Committee on Trauma and the International Relations Committee

PS308 | 9:45-11:15 am**Novel Approaches to the Management of Advanced Pancreatic Cancer**

LOCATION: 5AB

TRACK(S): GEN, ONC

MODERATOR: Rebekah R. White, MD, FACS, *La Jolla, CA*CO-MODERATOR: Hong J. Kim, MD, FACS, *Chapel Hill, NC*

An emerging strategy for borderline resectable patients that are deemed ineligible for upfront surgery is neoadjuvant treatment in the form of chemotherapy with or without radiation. Such neoadjuvant strategies not only have the potential to downstage borderline resectable disease to make R0 resection feasible, but they also allow for the early treatment of micrometastatic disease, delivery of chemotherapy to an undisturbed tumor, and biological assessment of tumor aggressiveness. For initially unresectable Locally Advanced Pancreatic Cancer (LAPC), neoadjuvant therapy should be offered as a bridge to potentially curative resection. This panel will focus on controversies in the management of this population of patients.

Introduction

Rebekah R. White, MD, FACS, *La Jolla, CA*

Update on Chemotherapy for Locally Advanced Pancreatic Cancer

Tony R. Reid, MD, *La Jolla, CA*

Novel Radiation Therapy Strategies for Locally Advanced Pancreatic Cancer

Theodore S. Hong, MD, *Boston, MA*

Irreversible Electroporation for Locally Advanced Pancreatic Cancer

Robert C. G. Martin, MD, PhD, FACS, *Louisville, KY*

Iontophoresis for Delivery of Chemotherapy to Locally Advanced Pancreatic Cancer

Jen J. Yeh, MD, FACS, *Chapel Hill, NC*

Discussion

Hong J. Kim, MD, FACS, *Chapel Hill, NC*

Sponsored by the Advisory Council for General Surgery

PS309 | 9:45-11:15 am**Managing Penetrating Neck Trauma**

LOCATION: 20A

TRACK(S): OTO, TRA

MODERATOR: Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*CO-MODERATOR: Mark E. Whipple, MD, FACS, *Seattle, WA*

In this panel, experts will share their opinions on the optimal management of zone-based neck trauma. Panelists will share typical case examples which will highlight the challenges of managing neck trauma. Contemporary imaging, angiography, and surgical decision making will be discussed. Time will be allotted for audience participation.

Introduction

Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Spinal Cord Injuries and Associated Clinical and Ethical Issues

Allan B. Peetz, MD, *Nashville, TN*

Vascular Injuries: Workup and Management

Ben L. Zarzaur, MD, MPH, FACS, *Indianapolis, IN*

Aero Digestive Injuries: Workup and Management

Matthew J. Eckert, MD, FACS, *Tacoma, WA*

Sponsored by the Advisory Council for Otolaryngology-Head and Neck Surgery and the Committee on Trauma

PS310 | 9:45-11:15 am**Highlights of the 2016 American Association of Endocrine Surgeons (AAES) Parathyroidectomy Guidelines: An Expert Panel Discussion**

LOCATION: 7AB

TRACK(S): GEN, OTO

MODERATOR: Sally E. Carty, MD, FACS, *Pittsburgh, PA*CO-MODERATOR: Daniel W. Karakla, MD, FACS, *Norfolk, VA*

Primary hyperparathyroidism is a common disease for which the only definitive management is surgery. Developed by surgeons after two decades of rapid change, the 2015 evidence-based American Association of Endocrine Surgeons (AAES) Parathyroidectomy Guidelines recommend best practices in areas such as indications, preoperative imaging, concurrent thyroid nodule management, focused exploration versus bilateral exploration, intraoperative PTH monitoring, and methods to confirm parathyroid tissue. The multidisciplinary guidelines also define surgical cure and detail the management of devascularized glands, multiglandular disease, familial disease, and parathyroid carcinoma. This panel of guideline authors will summarize the findings, discuss the challenges, and invite audience questions about the recently published guidelines to assist surgeons in the optimal management of patients with primary hyperparathyroidism.

Welcome and Session Format

Sally E. Carty, MD, FACS, *Pittsburgh, PA*

Speaker Introductions

Daniel W. Karakla, MD, FACS, *Norfolk, VA*

Preoperative Evaluation: Indications

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Imaging: Concurrent Thyroidectomy

James A. Lee, MD, FACS, *New York, NY*

Intraoperative Parathyroid Hormone (PTH) Monitoring:
Surgical Approaches

Carmen C. Solarzano, MD, FACS, *Nashville, TN*

Postoperative Management: Cure and Failure

Cord Sturgeon, MD, FACS, *Chicago, IL*

Panel Discussion with Speakers and Audience

David L. Steward, MD, FACS, *Cincinnati, OH*

Lisa A. Orloff, MD, FACS, FACE, *Stanford, CA*

*Sponsored by the Advisory Council for General Surgery
and the Advisory Council for Otolaryngology–Head and
Neck Surgery*

PS311 | 9:45-11:15 am

Augmented Reality: Advances in Intraoperative Visualization

LOCATION: 6D

TRACK(S): BTR

MODERATOR: Richard J. Bold, MD, FACS, *Sacramento, CA*

CO-MODERATOR: Brian J. Dunkin, MD, FACS, *Houston, TX*

There have been significant developments in the technology of systems to facilitate evaluation of pathophysiology in the operating room. These augmented reality systems include the use of adjunctive platforms to evaluate tissue viability in colorectal and plastic surgery (for example, SPY system), intraoperative imaging strategies using molecular probes for cancer visualization, and deep anatomic visualization such as fluorescent cholangiography. The development of systems using technology outside of the visible light spectrum to complement intraoperative decisions traditionally made using visual and tactile information may potential increase efficacy and safety in the operating room.

Advances in White Light Visualization

Steven D. Schwaitzberg, MD, FACS, *Buffalo, NY*

Going Beyond White Light

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Molecular Imaging for Cancer Visualization

Michael Bouvet, MD, FACS, *La Jolla, CA*

Augmented Reality in the Operating Room

Silvana Perretta, MD, *Strasbourg, France*

*Sponsored by the Committee on Emerging Surgical
Technology and Education and the Surgical Research
Committee*

PS312 | 12:45-2:15 pm

Medical Student Training: From Spectators to Team Players

LOCATION: 20BC

TRACK(S): EDU, GEN, RES/MED

MODERATOR: Barbara J. Pettitt, MD, FACS, FAAP, *Atlanta, GA*

CO-MODERATOR: Celeste M. Hollands, MD, FACS,
Lubbock, TX

Medical student curriculum reform and changes in health care delivery have diminished hands-on learning and increasingly pushed medical students from the role of essential team member to that of motivated observer.

Technology-centered learning styles, new methods to teach psychomotor and cognitive skills, and limitation of student participation in the use of the electronic health record (EHR) all affect how students learn surgery. This learning environment can unintentionally marginalize the student's role on the surgical team and undermine their ability to achieve independence. This panel reviews the current state of surgical undergraduate education including: practical approaches to implementing new standardized curricula, alignment with Entrustable Professional Activities (EPAs), use of longitudinal integrated clerkships and gamification, and how changes in the clinical workplace (for example, EHRs) could improve medical student education.

Introduction

Barbara J. Pettitt, MD, FACS, FAAP, *Atlanta, GA*

Uneven Fields: Challenges to Training in the Current
Environment

Susan Steinemann, MD, FACS, *Honolulu, HI*

Curricula: Standard, Core, Simulation, Longitudinal and
Entrustable Professional Activities (EPAs): What's a Clerk-
ship Director To Do?

Marc A. deMoya, MD, FACS, *Milwaukee, WI*

The Medical Record in the Era of the Electronic
Medical Student

Paul J. Schenarts, MD, FACS, *Omaha, NE*

*Sponsored by the Committee on Medical Student
Education*

PS313 | 12:45-2:15 pm

Managing Bariatric Surgical Complications: Role of the Non-Bariatric General Surgeon

LOCATION: 20D

TRACK(S): GEN, RUS, TRA

MODERATOR: Steven N. Bock, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

Bariatric surgical procedures are being performed with increasing frequency in the U.S. Patients often travel to distant sites, even internationally, to have these procedures performed. Thus, when they have complications, either in the postoperative period or even later, they often present to a different hospital than where their procedure was performed. These hospitals often do not have a bariatric program. The role of the general surgeon in managing these complex patients will be discussed, including stabilization, transfer to higher level of care, and definitive correction. An emphasis will be on the safest approach to these patients both in terms of perioperative morbidity and mortality and to how these complications and their management affect their long-term weight loss and health.

Opening Remarks and the Expected Anatomy of Bariatric
Surgeries

Steven N. Bock, MD, FACS, *Albuquerque, NM*

Common Complications of Gastric Bypass

Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

Common Complications of Sleeve Gastrectomy and Adjustable Gastric Bands

Bree D. Dewing, MD, *Bismarck, ND*

Gallstone Disease in the Bariatric Patient

Attila Nakeeb, MD, FACS, *Indianapolis, IN*

Sponsored by the Advisory Council for General Surgery

PS314 | 12:45-2:15 pm

Current Concepts in Wound Healing



LOCATION: Hall F

TRACK(S): GEN, PLA, TRA

MODERATOR: Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

CO-MODERATOR: Geoffrey C. Gurtner, MD, FACS, *Stanford, CA*

To review current products, hyperbaric oxygen, radiation injury and biomaterials.

The Effect of Scaffolds and Mechanical Forces on Wound Healing

Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

Wound Healing Theory and Stem Cells

Geoffrey Gurtner, MD, FACS, *Stanford, CA*

Radiation: Friend or Foe in Wound Healing?

Rei Ogawa, MD, PhD, FACS, *Tokyo, Japan*

Novel Technologies That I Use in Complicated Wounds

Mayer Tenenhaus, MD, FACS, *San Diego, CA*

Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery

PS315 | 12:45-2:15 pm

Treatment of the Perforated Esophagus



LOCATION: 6B

TRACK(S): CTS, GEN, TRA

MODERATOR: Nikolai A. Bildzukewicz, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: Eric Lambright, MD, FACS, *Nashville, TN*

The mortality of esophageal perforation is high and the operations for repair carry high morbidity. The use of esophageal stenting endoscopically without thoracotomy is seen as a new approach with lower morbidity and mortality. This panel will discuss the selection of patients for this approach, the technical aspects of the technique, and management of complications.

Please see the Addendum or App for a complete agenda.

Sponsored by the Advisory Council for Cardiothoracic Surgery and the Advisory Council for General Surgery

PS316 | 12:45-2:15 pm

A View from Both Sides of the Table: The Surgeon as Patient



LOCATION: 6D

TRACK(S): ETH

MODERATOR: John M. Daly, MD, FACS, FRCSI(Hon), FRCSG(Hon), *Philadelphia, PA*

CO-MODERATOR: Eric A. Singer, MD, FACS, *New Brunswick, NJ*

This presentation will explore the professional, ethical, legal, and safety considerations of the surgeon as patient.

Are physicians the worst patients? Do surgeons sublimate symptoms of disease and indulge in self-treatment/medication because it is easier and faster or because they need to be "in charge"? What are the ethical concerns when treating ourselves and our colleagues with a quick workup to relieve impatience or discomfort? Do we serve as our own or others advocates if we notice system or errors in surgical management? How do we approach patient education as the giver or receiver of such education? Being a recipient of major surgical care can provide a new lens to view patient safety, quality of care, and advocacy for change.

Introduction

Eric A. Singer, MD, FACS, *New Brunswick, NJ*

The Patient's View: Coming to Terms with Serious Illness and Prolonged Treatment

Gregory J. Jurkovich, MD, FACS, *Sacramento, CA*

The Patient's View: Who's in Charge of My Care?

David V. Feliciano, MD, FACS, *Indianapolis, IN*

Surgery on Surgeons: The Ethics

Robert M. Sade, MD, FACS, *Charleston, SC*

The Do's and Don'ts in Caring for Medical Colleagues

Neil Farber, MD, *San Diego, CA*

Sponsored by the Committee on Ethics and the Patient Education Committee

PS317 | 12:45-2:15 pm

Innovative Strategies in Surgical Education



LOCATION: 6E

TRACK(S): CTS, EDU, RES/MED

MODERATOR: Craig J. Baker, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: John R. Porterfield, MD, FACS, *Birmingham, AL*

Teaching in surgery is an ever-evolving field with unique opportunities to expand its breadth and deepen its affect. This session addresses some of the challenges in disseminating and acquiring knowledge as well as establishing settings in which learning for the surgical trainee is enhanced. Topics to be discussed will include integrated training paradigms, unique techniques such as flipping the classroom, and using digital technologies such as smart phone applications and social media.

Flipping the Classroom

Nahush A. Mokadam, MD, FACC, FACS, *Seattle, WA*

High-Fidelity Surgical Simulation Using Pressurized Fresh Tissue and Innovation in Surgical Simulation

Joseph N. Carey, MD, *Palo Alto, CA*

Our Glimpse into Our Surgical Future and Training:

Simulating Novel Aspects of a Residents Experience

Robert J. Cerfolio, MD, FACS, *Birmingham, AL*

Modern Surgical Residents: How Do We Guide Them Learning from a Thousand Points of Light?

James W. Suliburk, MD, FACS, *Houston, TX*

Sponsored by the Committee on Resident Education and the Advisory Council for Cardiothoracic Surgery

PS318 | 12:45-2:15 pm**Future Surgeon-Scientists: How Do We Train Them?**

LOCATION: 32AB

TRACK(S): EDU, RES/MED

MODERATOR: Timothy M. Pawlik, MD, MPH, PhD, FACS, Columbus, OH

CO-MODERATOR: Melina R. Kibbe, MD, FACS, FAHA, Chapel Hill, NC

The surgeon-scientist, whether a clinical, translational, or basic science investigator, is an important cornerstone of academic surgery. Changes in clinical training, residency/fellowship requirements, as well as an increased focus on clinical productivity in conjunction with decreased research funding have all led to an increased strain on how we train future surgeon-scientists. Training of surgeon-scientists requires protected time for research, excellent mentorship, and a team-based approach.

Future Surgeon-Scientists: How Do We Train Basic Science Research?

K. Craig Kent, MD, FACS, Madison, WI

Future Surgeon-Scientists: How Do We Train Health Services Research Scientists?

Clifford Y. Ko, MD, MS, MSHS, FACS, Chicago, IL

Future Surgeon-Scientists: How Do We Train Leaders in Clinical Trials and Translational Research?

Heidi Nelson, MD, FACS, Rochester, MN

Sponsored by the Surgical Research Committee and the Scientific Forum Committee

PS320 | 12:45-4:00 pm**The College's International Scholars and Travelers 2017**

LOCATION: 9

TRACK(S): GEN, INT

MODERATOR: Waddah B. Al Refaie, MD, FACS, Washington, DC

CO-MODERATOR: Cristina R. Ferrone, MD, FACS, Boston, MA

The College provides Clinical Congress scholarships to outstanding young academic international surgeons. The 2017 International Scholars and Traveling Fellows will provide presentations regarding their research or practice or they will describe the state of surgery in their home countries. The brief talks by International Guest Scholars, International Surgical Education Scholars, the Carlos Pellegrini Fellow and Exchange Fellows from Australia, New Zealand, Germany, and Japan will provide an intimate look into the art and science of surgery as practiced in diverse countries around the globe.

Total Mesorectal Excision by Combined Transanal and Laparoscopic Assistance: Rationale and Results of a Preliminary Experience

Alberto Biondi, MD, Rome, Italy

Management of Breast Cancer in a Teaching Hospital in Ghana: Surgical Challenges

Florence Dedey, BSc, MB, ChB, Accra, Ghana

Paradigm Shifts in Post Mastectomy Breast Reconstruction: An Up-To-Date and Comparative Analysis of Autologous vs. Implant-Based Techniques from a Plastic Surgeon's Viewpoint

Burak Ersoy, MD, FACS, Istanbul, Turkey

Percutaneous Transhepatic Treatment of Biliary Stricture: Dual or Triple Stents in One or Two Sessions for a Single Tract

Diego L. Fernandez, MD, Buenos Aires, Argentina

Perspectives on Surgery: How to Do the Best

Llipsis T. Fernandez-Santiesteban, MD, La Habana, Cuba

Nipple Malposition Following Nipple-Sparing Mastectomy: How Can We Prevent It?

Ioannis Flessas, MD, MSc, PhD, Athens, Greece

Long-Term Oncologic Outcome after Laparoscopic Converted Compared to Successful Laparoscopic and Primary Open Resection for Colorectal Cancer

Edgar J. B. Furnee, MD, Utrecht, Netherlands

Clinical Application of In-Vivo Fluorescence Imaging to Hepatobiliary (HPB) Surgery

Takeaki Ishizawa, MD, PhD, FACS, Tokyo, Japan

Assessment of the Unmet Surgical Needs, the Surgical Capacity of Referral Hospitals and the Cost for Scaling Up Surgical Services in the North Kivu Province in the Democratic Republic of Congo

Luc K. Malemo, MD, North Kivu, the Democratic Republic of the Congo

Suck, Swallow, Breathe: Rethinking the Functional Anatomy of Breast-feeding

Nicola A. Mills, BHB, MB, ChB, Auckland, New Zealand

Parastomal Hernia and the CIPHER Study

Neil J. Smart, MB, BS, PhD, FRCSEd, Devon, United Kingdom

An Exploratory Analysis of the Geographical Distribution of Trauma Incidents in Shenzhen China

Guixi Zhang, MD, Shenzhen, Guangdong

Surgical Management of Hepatocellular Carcinoma:

Resection, Radiofrequency Ablation, or Transplantation

Kelvin K. Ng, MS, PhD, FCSHK, FRCSEd(GEN), Hong Kong, China

Adapting Adoptive Cell Therapy

Jane K. Mills, BMedSci, MB, BS, MEpi, FRACS, Melbourne, Australia

Optimization of Induction Treatment Based on Survival Analysis for T4 Esophageal Cancer

Tomoki Makino, MD, PhD, New York, NY

Improvement of Outcomes after Surgery of the Upper Gastrointestinal Tract Using New and Minimally Invasive Technology

Hans F. Fuchs, MD, Cologne, Germany

Development of Novel Surgical Technique: My Journey So Far

Hemanga K. Bhattacharjee, MB, BS, New Delhi, India

Distance Learning to Support International Surgical Education

Andrew Tambyraja, MB, BS, FRCSEd, Edinburgh, U.K.

Sponsored by the International Relations Committee

PS321 | 2:30-4:00 pm**Optimal Perioperative Anticoagulation**

LOCATION: 20D

TRACK(S): EDU, GEN, TRA

MODERATOR: Elliott R. Haut, MD, PhD, FACS, Baltimore, MD

CO-MODERATOR: David R. Urbach, MD, FACS, Toronto, ON

This session will describe the current state of knowledge of perioperative/postoperative thromboembolic disease in the surgical patient, including the following: definition of terms, epidemiology, etiologic factors and pathophysiology of venous thromboembolism (VTE), current methods and pitfalls of prophylaxis, and special situations such as spinal/extradural anesthesia. It will include a review of pharmacologic agents and techniques along with newer and emerging approaches to prevention.

Introduction

Elliott R. Haut, MD, PhD, FACS, *Baltimore, MD*

Dealing with Patients on New Direct Oral Anticoagulants
Rachael A. Callcut, MD, MSPH, *San Francisco, CA*

To Bridge, or Not to Bridge? That is the Question
Kyla M. Bennett, MD, *Madison, WI*

Venous Thromboembolism (VTE) Risk Assessment and Prophylaxis

Christopher J. Pannucci, MD, *Salt Lake City, UT*

Knowledge-to-Action Quality Improvement Approach to Venous Thromboembolism (VTE) Prevention
Elliott R. Haut, MD, PhD, FACS, *Baltimore, MD*

Sponsored by the Committee on Perioperative Care and the Patient Education Committee

PS322 | 2:30-4:00 pm

Gastrointestinal (GI) Robotic Surgery: State of the Art or Hype?

LOCATION: 6B

TRACK(S): CRS, EDU, GEN

MODERATOR: Annabel Elizabeth Barber, MD, FACS, *Las Vegas, NV*

CO-MODERATOR: Konstantin Umanskiy, MD, FACS, *Chicago, IL*

Robotic surgery has been marketed as a cutting-edge advance in technology and the next generation of robots is now upon us. Despite its burgeoning use and media appeal, there is a lack of consensus as to its advantages over other approaches. In fact, there are concerns for increased morbidity and mortality associated with robots. Surgical educators are divided on the necessity and practicality of resident training in robotic surgery. Likewise, educators are chagrined by the prospect of surgeons who are dependent on the robot. This panel will assess the outcomes, safety, and value of robotic surgery and where it fits in the framework of surgical education.

Please see the Addendum or App for a complete agenda.

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS323 | 2:30-4:00 pm

Melanoma Surgery: What We Need to Know in 2017

LOCATION: 20BC

TRACK(S): GEN, ONC, PLA

MODERATOR: Jonathan S. Zager, MD, FACS, *Tampa, FL*

CO-MODERATOR: Keith A. Delman, MD, FACS, *Atlanta, GA*

The session will cover advances in therapy for loco-regionally metastatic melanoma including a discussion of intralesional therapies, perfusion-based therapies, videoscopic inguinal, and robotic pelvic node dissections. We will put these loco-regional type therapies in the context of the new advances of systemic therapy as well and discuss the role of systemic therapy (immunotherapy and targeted therapy).

Intralesional and Intra-Arterial Therapies for Loco-Regional Metastatic Melanoma

Jonathan S. Zager, MD, FACS, *Tampa, FL*

Videoscopic Inguinal Node Dissections for Metastatic Melanoma

Michael Lowe, MD, *Atlanta, GA*

Robotic Pelvic Node Dissections for Metastatic Melanoma
Lesly A. Dossett, MD, FACS, *Ann Arbor, MI*

The Role of Completion Node Dissection for Sentinel Node-Positive Metastatic Melanoma

Mark B. Faries, MD, FACS, *Santa Monica, CA*

Panel Discussion: Question and Answers

Keith A. Delman, MD, FACS, *Atlanta, GA*

Jonathan S. Zager, MD, FACS, *Tampa, FL*

Sponsored by the Commission on Cancer

PS324 | 2:30-4:00 pm

How to Select the Best Surgical Trainees and Fellows

LOCATION: 30B-E

TRACK(S): RES/MED

MODERATOR: Paul J. Schenarts, MD, FACS, *Omaha, NE*

CO-MODERATOR: Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

The current narrative letters of recommendation are vexingly inconsistent with respect to the meaning of subjective words. This confusion of language may benefit or harm the student in ways not intended by the writer. One solution is to standardize the letter of recommendations for surgical residency, so that everyone is speaking the same language. This may benefit all parties involved in application to, evaluation for, and matriculation into surgical residency training. This approach has been used in emergency medicine, otolaryngology, and orthopaedic surgery and is beginning to be used in general surgery residencies.

Selection Metrics: Do They Actually Predict Success or Failure?

Rahul J. Anand, MD, FACS, *Richmond, VA*

Attracting the Best Applicants to Your Program

Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

Interview Day Strategies

Elizabeth M. Nessel-Ferguson, MD, FACS, *Phoenix, AZ*

Detecting and Avoiding the Problem Resident

Paul J. Schenarts, MD, FACS, *Omaha, NE*

Sponsored by the Board of Governors Surgical Training Workgroup and the Committee on Medical Student Education



PS325 | 2:30-4:00 pm**Precision Medicine in Surgical Oncology:
What Every Surgeon Needs to Know**

LOCATION: 1AB

TRACK(S): CTS, GEN, ONC

MODERATOR: Funda Meric-Bernstam, MD, FACS, *Houston, TX*CO-MODERATOR: Raphael Bueno, MD, FACS, *Boston, MA*

Advances in gene expression classifiers have enabled surgeons to safely predict non-malignant tissue allowing them to avoid surgery and associated health care costs. New diagnostics addressing bronchial and thyroid genomic classifiers will be presented. Participants will receive updates on the application of RNA expression profiles in breast and colon cancer as well as genomic profiling in pancreatic, rectal and esophageal cancer. The panelists will discuss challenges inherent to tumor profiling in establishing these strategies in surgical standards of care.

Introduction

Funda Meric-Bernstam, MD, FACS, *Houston, TX*

Transcriptomics in Clinical Practice

Raphael Bueno, MD, FACS, *Boston, MA*

Genomic Profiling in Clinical Practice

Timothy J. Yeatman, MD, FACS, *Spartanburg, SC*

Immune Profiling in Clinical Practice

Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

Panel Discussion:

Funda Meric-Bernstam, MD, FACS, *Houston, TX*

Sponsored by the Scientific Forum Committee and the Commission on Cancer

PS326 | 2:30-4:00 pm**Sepsis Update 2017**

LOCATION: Hall F

TRACK(S): TRA

MODERATOR: Lena M. Martinello, MD, FACS, *Ann Arbor, MI*CO-MODERATOR: Matthew R. Rosengart, MD, MPH, FACS, *Pittsburgh, PA*

Recent randomized controlled studies have provided data about better resuscitation techniques, selection of appropriate vasopressors, and adjunctive treatments (for example, steroids) in septic patients. The 2016 Update of the Surviving Sepsis Guidelines was published in January 2017. Experts will review changes present in the new sepsis guidelines and supplement them with new data regarding optimal management of patients with sepsis and septic shock in 2017. Areas covered will include: updates to the 2016 surviving sepsis guidelines, vasopressors, fluids, steroids, antibiotics, and nutrition, and other supportive care.

Fluids, Resuscitation Targets, Vasopressors in 2016

Surviving Sepsis Guidelines: What's Changed?

John C. Marshall, MD, FACS, *Toronto, ON*

What's New in Source Control and Antibiotic Management in Sepsis?

Robert G. Sawyer, MD, FACS, *Charlottesville, VA*

New Sepsis Definitions: Sepsis CMS Core Measure (SEP 1) vs. 2016 Sepsis Guidelines

What Does the Future Hold: Precision Medicine and Immunoadjuvants in Sepsis?

Richard S. Hotchkiss, MD, *St. Louis, MO*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS327 | 2:30-4:00 pm**Endolumenal Bariatrics: Balloons, Liners,
Gadgets Galore**

LOCATION: 3

TRACK(S): GEN

MODERATOR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*CO-MODERATOR: Matthew D. Spann, MD, FACS, *Nashville, TN*

Obesity and metabolic syndrome affect the health of an epidemic proportion of the population. Treatment options have developed from well-known laparoscopic operations to include evaluation of an array of novel endoscopic technologies and other interventions. In addition, newer endoscopic capabilities have become integral to the management of complications following bariatric surgery. This session will discuss the current state of various endoscopic and nontraditional modalities for the treatment of obesity/metabolic syndrome and bariatric complications with an evidence-based assessment of current results.

Introduction

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Endolumenal Space Occupying Procedures

Leena Khaitan, MD, FACS, *Cleveland, OH*

Endolumenal Alteration in Absorption

Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Endolumenal Gastric Reduction

Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

Endolumenal Management of Acute Surgical Complications

Eric M. Pauli, MD, FACS, FASGE, *Hershey, PA*

Endolumenal Management of Chronic Complications

Bipan Chand, MD, FACS, FASMB, FASGE, *Maywood, IL*

Discussion

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Sponsored by the Advisory Council for General Surgery

PS328 | 2:30-4:00 pm**Options for Becoming a Parent during and
after Surgical Training**

LOCATION: 10

TRACK(S): EDU, OBG

MODERATOR: Barbara S. Levy, MD, FACS, *Washington, DC*CO-MODERATOR: Heena P. Santry, MD, FACS, *Worcester, MA*

Many women surgeons find it difficult to conceive naturally, in particular since the prime childbearing years typically occur during training and the first few years of practice when it may not be financially, logistically, or otherwise feasible to start a family. This Panel Session will address the medical and nonmedical options for starting or expanding a family for women surgeons struggling with infertility. This Panel Session will explore current technology for delayed reproduction (for example, egg freezing, embryo freezing), assisted reproduction (for example, In Vitro Fertilization (IVF), Intrauterine

Insemination (IUI), and the legal issues surrounding adoption (U.S. vs international; open vs. closed), and surrogacy.

Introduction

Heena P. Santry, MD, FACS, *Worcester, MA*

Barbara S. Levy, MD, FACS, *Washington, DC*

Personal Story on In Vitro Fertilization

Anne C. Larkin, MD, FACS, *Worcester, MA*

What You Need to Know About Assisted Reproduction

Irene C. Souter, MD, *Boston, MA*

Personal Story on Adoption

Kathryn M. Tchorz, MD, RDMS, FACS, *Dayton, OH*

Personal Story on the 360 of Reproductive Assistance

Including Surrogacy, In Vitro Fertilization, and Adoption

Hannah Copeland, MD, *Richmond, VA*

Legal Aspects of Adoption and Surrogacy

Steven Klein, *San Diego, CA*

Sponsored by the Young Fellows Association and the Women in Surgery Committee

PS329 | 4:15-5:45 pm

Organ Preserving Strategies in Rectal Cancer



LOCATION: 20A

TRACK(S): CRS, GEN

MODERATOR: Julio E. Garcia-Aguilar, MD, FACS, *New York, NY*

CO-MODERATOR: Patricia Sylla, MD, FACS, FACRS, *New York, NY*

Advances in preoperative staging—including magnetic resonance imaging, endoscopic ultrasound, and lymph node mapping—and in advanced therapeutic endoscopy—including endoscopic mucosal resection, endoscopic submucosal dissection, and transthoracic endoscopic sympathectomy—have remarkably affected the approach to management of early esophageal, gastric, and colorectal cancers. This Panel Session will highlight these technologic developments with an emphasis on accepted ablative and local resection strategies. In addition, the role of neoadjuvant treatment in achieving complete pathologic response and achieving organ preservation will be discussed.

Endoscopic Treatment for T1 Rectal Cancer: When is it Indicated and/or Sufficient?

Stavros N. Stavropoulos, MD, FASGE, *Mineola, NY*

The Role of Transanal Endoscopic Surgery as Primary Treatment for Early Rectal Cancer

Patricia Sylla, MD, FACS, FACRS, *New York, NY*

Complete Clinical Response Following Neoadjuvant Therapy: Treatment Protocols and Oncologic Outcomes Following “Watch and Wait”

George J. Chang, MD, MS, FACS, FASCRS, *Houston, TX*

Radiologic Assessment Pre- and Post-Neoadjuvant Treatment: Can Pathologic Response Be Predicted?

Alex Kagen, MD, *New York, NY*

Watch and Wait Protocols: Assessment of Clinical Complete Response, Long-Term Surveillance, and Managing Patient Expectations

Erin D. Kennedy, MD, *Toronto, ON*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS330 | 4:15-5:45 pm

I Can't Close the Abdominal Incision...Yet



LOCATION: Hall F

TRACK(S): GEN, RUS, TRA

MODERATOR: David V. Feliciano, MD, FACS, *Indianapolis, IN*

CO-MODERATOR: Peter Rhee, MD, MPH, FACS, FCCM, *Atlanta, GA*

A significant number of patients on trauma and emergency general surgery services have the initial laparotomy incision left open. There is little consensus on the current role of silos or on homemade vs. commercial vacuum-assist or tension devices, and current data will be presented on these topics. Numerous techniques to avoid an enteroatmospheric fistula will be reviewed as well as the classification and management of this condition. The timing and optimal techniques for final midline closure will also be presented.

Introduction

David V. Feliciano, MD, FACS, *Indianapolis, IN*

Peter Rhee, MD, MPH, FACS, FCCM, *Atlanta, GA*

When is the Open Abdomen Appropriate for the Acute Care Surgeon?

Peter Rhee, MD, MPH, FACS, FCCM, *Atlanta, GA*

Options for Vacuum-Assist or Tension Devices

Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

Classification and Management of Enteroatmospheric Fistulas

David H. Livingston, MD, FACS, *Newark, NJ*

Options for Formal Closure When There Is Still Tension

Martin A. Croce, MD, FACS, *Memphis, TN*

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS331 | 4:15-5:45 pm

The Next Generation of Prostate Cancer Screening and Diagnosis



LOCATION: 6D

TRACK(S): URO

MODERATOR: Michael S. Cookson, MD, MMHC, FACS, *Oklahoma City, OK*

CO-MODERATOR: Jeffrey W. Nix, MD, *Birmingham, AL*

Prostate cancer is the most common cancer in the U.S. and the second most common cause of cancer death. There remains a significant amount of controversy, uncertainty, and change in practice with regard to appropriate and evidence-based methods for prostate screening and detection methods. This Panel Session will seek to improve one's understanding of evidenced-based methods and selective use of emerging molecular and imaging techniques in prostate cancer screening and diagnosis, and will provide an update of prostate specific antigen screening guidelines for men.

Impact of the U.S. Preventive Services Task Force (USPTF)

Recommendations on Prostate Cancer Screening

Gerald L. Andriole, MD, FACS, *St. Louis, MO*

New Prostate Cancer Biomarkers in the Diagnosis of Prostate Cancer

Daniel W. Lin, MD, *Seattle, WA*

Use of Genomics in Detection and Diagnosis of Prostate Cancer

Christopher J. Kane, MD, *San Diego, CA*

Magnetic Resonance Imaging (MRI) in the Enhanced Detection of Prostate Cancer

Kelly Stratton, MD, *Oklahoma City, OK*

Sponsored by the Advisory Council for Urology

PS332 | 4:15-5:45 pm

Training Surgeons for Rural Practice

LOCATION: 20D

TRACK(S): EDU, RUS

MODERATOR: David C. Borgstrom, MD, FACS, *Cooperstown, NY*

CO-MODERATOR: Karen E. Deveney, MD, FACS, *Portland, OR*

There are not enough rural surgeons to care for rural America. There are several strategies that have been developed to address this issue. The panel will review these strategies including successful rural medical school programs, rural training programs, rural training tracks, rural rotations, new residency program ideas, and the Transition to Practice Program of the American College of Surgeons.

Overview of Rural Training Programs

David C. Borgstrom, MD, FACS, *Cooperstown, NY*

Karen E. Deveney, MD, FACS, *Portland, OR*

Getting Them into the Rural Surgery Pipeline

Matthew B. Rossi, MD, FACS, *Hopedale, IL*

Engaging Medical Schools and Developing a Rural Surgery Interest Group from the Perspective of a Rural Surgeon

J. Patrick Walker, MD, FACS, *Crockett, TX*

Experience with a Defined Rural Surgery Training Tracks

Robert P. Sticca, MD, FACS, *Grand Forks, ND*

What to Do at the End of Training: Update on the Transition to Practice Program

J. David Richardson, MD, FACS, *Louisville, KY*

Sponsored by the Advisory Council for Rural Surgery

PS333 | 4:15-5:45 pm

Clinical Trials: Why and How You Should Incorporate Them into Your Practice

LOCATION: 30B-E

TRACK(S): GEN, ONC

MODERATOR: Kelly K. Hunt, MD, FACS, *Houston, TX*

The panel will present results from the highest impact clinical trials in cancer that have reported results during the last year. They will discuss how these results should impact the current management of the surgical oncology patient. They will address controversial issues surrounding the trial, interpretation of results, and how to safely incorporate these findings into the care of the surgical patient. An interactive session will allow audience members to voice concerns and ask questions about how best to implement findings into their practice. Studies that will be covered will be dependent on the reporting of clinical trial results, and are likely to include topics such as use of genomic signatures and use of neoadjuvant therapy for breast cancer and pancreatic cancer.



How a Community Surgeon Can Incorporate Clinical Trials into Their Practice

Gary W. Unzeitig, MD, FACS, *Laredo, TX*

Methods for Incorporating Clinical Trial Results into Your Daily Practice

Sarah L. Blair, MD, FACS, *La Jolla, CA*

What are the Right Clinical Trials for Patients with Pancreas Cancer?

Syed A. Ahmad, MD, FACS, *Cincinnati, OH*

What Are Pragmatic Clinical Trials and Why Are They Important for Surgeons?

Heather B. Neuman, MD, FACS, *Madison, WI*

Sponsored by the ACS Clinical Research Program Education Committee

PS334 | 4:15-5:45 pm

The Disruptive Surgeon: A Costly Situation



LOCATION: 20BC

TRACK(S): EDU, GEN

MODERATOR: Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

CO-MODERATOR: David J. Welsh, MD, FACS, *Batesville, IN*

Professional relationships between surgeons and patients, surgeons and colleagues and staff are based on respect, honesty, and accountability. Depending on circumstances and situations, most surgeons have experienced challenges to reacting in a professional manner. Regrettably, most of us have encountered surgeons for whom disruptive (nonprofessional) behavior is a recurrent event. For a variety of reasons this behavior may be tolerated. This session will explore the issues involved, including analysis of the resultant costs, why the behavior is tolerated, identifying strategies to address behaviors, creating institutional expectations, and educating individuals.

Introduction

Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*

David J. Welsh, MD, FACS, *Batesville, IN*

Caring for the Patient, Caring for the Team, and Caring for Oneself

Larry H. Stevens, MD, FACS, *Indianapolis, IN*

Surgeons Behaving Badly: Why It's Tolerated, and Why It Shouldn't Be

Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

The Disruptive Physician: Perspective from the Chief of Staff

James E. Bates, MD, *San Diego, CA*

Professional Behavior: Holding Ourselves and Each Other Accountable

Jo Shapiro, MD, FACS, *Boston, MA*

Sponsored by the Board of Governors Physician Competency and Health Workgroup

PS335 | 4:15-5:45 pm

Team-Based Care: How to Ensure Continuity of Care



LOCATION: 6E

TRACK(S): GEN, TRA

MODERATOR: Kyla P. Terhune, MD, MBA, FACS, *Nashville, TN*

CO-MODERATOR: David A. Spain, MD, FACS, *Stanford, CA*

Acute care surgical practices have become standard parts of the care of the emergency surgical patient. Teams of general surgeons are constantly available for prompt care and intervention. The challenge of team care has always been continuity of care. What are the practices of the successful surgical team in acute care surgery?

Introduction to Topic

Kyla P. Terhune, MD, MBA, FACS, *Nashville, TN*

The Diffusion of Acute Care Surgery

Heena P. Santry, MD, FACS, *Worcester, MA*

The Academic Center Perspective and Model

Benjamin M. Braslow, MD, FACS, *Philadelphia, PA*

The Rural Surgery Perspective and Model

C. Neal Ellis, MD, FACS, *Odessa, TX*

The Private Practice Model and Perspective

Bryant W. Wilson, MD, FACS, *Atlanta, GA*

The VA Model and Perspective

Samir S. Awad, MD, FACS, *Houston, TX*

Sponsored by the Young Fellows Association and the Committee on Trauma

Thursday, October 26

PS400 | 8:00-9:30 am

Ten Hot Topics in General Surgery



LOCATION: 20BC

TRACK(S): GEN

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

In this popular session, the panelists will review ten of the hottest topics in general surgery.

Introduction

E. Christopher Ellison, MD, FACS, *Columbus, OH*

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

Burnout: Recognition, Prevention, and Treatment

Spence M. Taylor, MD, FACS, *Greenville, SC*

Is Neoadjuvant Therapy for Rectal Cancer Always Indicated?

Susan Galandiuk, MD, FACS, *Louisville, KY*

Management of Perforated Duodenal Ulcer: Observe, Laparoscope, or Laparotomy?

Michael S. Nussbaum, MD, FACS, *Roanoke, VA*

Use of Genomic Information in Treating Breast Cancer

Doreen M. Agnese, MD, FACS, *Columbus, OH*

Tips and Tricks in Endoscopic Retrograde Cholangiopancreatography Perforation

Steven C. Stain, MD, FACS, *Albany, NY*

Melanoma of the Back: What Do I Do in 2017?

John H. Stewart, MD, FACS, *Winston-Salem, NC*

Management of Small Bowel Obstruction in the Laparoscopic Era

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Role of Laparoscopy—the Trauma Patient

Alan B. Marr, MD, FACS, *New Orleans, LA*

Use of Molecular Markers in Treating Thyroid Nodules

Carmen C. Solórzano, MD, FACS, *Nashville, TN*

"Call Bladders"

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Sponsored by the Advisory Council for General Surgery

PS401 | 8:00-9:30 am

Abdominal Emergencies in Patients with Inflammatory Bowel Disease: What's a Surgeon to Do?



LOCATION: 6B

TRACK(S): CRS, GEN, TRA

MODERATOR: Vinay Rai, MB, BS FACS, *Albuquerque, NM*

CO-MODERATOR: Andrew A. Shelton, MD, FACS, FASCRS, *Stanford, CA*

Inflammatory bowel disease adds significant complexity and morbidity to the care of patients with acute gastrointestinal disease. These patients often present with surgical emergencies at hospitals and are cared for by general surgeons without additional training in colorectal diseases. This panel will discuss some of the common surgical indications for these patients including appendicitis, stricture, perianal and enterocutaneous fistula, and toxic megacolon. Providing optimal care in both community and tertiary settings will be presented with proposals on how to use telemedicine and transfer in their care.

Patient on Biologics: Does It Make a Difference?

Scott R. Kelly, MD, *Rochester, MN*

Toxic Megacolon: Challenges for a Surgeon

Nitin Mishra, MB,BS, FACS, MPH, *Phoenix, AZ*

Obstruction: When Not to Operate?

Sean J. Langenfeld, MD, FACS, FASCRS, *Omaha, NE*

Abscess Drained: Now What?

Lyen C. Huang, MD, *Salt Lake City, UT*

Fistulizing Crohn's/ Enterocutaneous Fistulas:

Nightmare of a Surgeon

Tim Plerhoples, MD, *Fairfax, VA*

Sponsored by the Advisory Council for General Surgery

PS402 | 8:00-9:30 am

Ten Hot Topics in Surgical Patient Safety



LOCATION: 20A

TRACK(S): EDU, GEN, TRA

MODERATOR: Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

CO-MODERATOR: John J. Moynihan, MD, FACS, *Falls Church, VA*

This session will highlight ten topics in patient safety, which are affected by evolving best practices and emerging technologies with a major focus on perioperative harm prevention and risk mitigation strategies. Topics include "prehabilitation" for surgery, venous thromboembolism (VTE) prevention, eliminating health care-associated infection, unintended retained items, failure to rescue, and prevention of misidentification errors, among others.

Introduction

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Electronic Health Record (EHR): Friend or Foe?

Neal Chawla, MD, CMIO, *Falls Church, VA*

Safety Event Recreation: What Is Done after an Event?
Scott Lucas, *Plymouth Meeting, PA*

Interdisciplinary Communication in the Operating Room:
Who's Talking and Who's Listening?

John J. Moynihan, MD, FACS, *Falls Church, VA*

Role of Culture in Operating Room Safety: Experience from
Re-Creation Trends

Scott Lucas, *Plymouth Meeting, PA*

Electronic Health Record Clinical Pathways: Are They a
Help or Hindrance to Safety?

Neal Chawla, MD, CMIO, *Falls Church, VA*

Low-Volume to High-Risk Surgery: Slippery Slope or
Opportunity?

John J. Moynihan, MD, FACS, *Falls Church, VA*

Rapid Fire: Needle Sticks, Wrong Site Surgery, and Attire:
Distractions in the Operating Room

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

*Sponsored by the Committee on Perioperative Care and
the Surgical Research Committee*

PS403 | 8:00-9:30 am

Regionalization of Care: Is this Good for North America?

LOCATION: 7AB

TRACK(S): GEN, ONC, RUS

MODERATOR: Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

CO-MODERATOR: Michael D. Sarap, MD, FACS, *Cambridge, OH*

Many health care policy experts have proposed regionalization of all general surgical care and cancer care, similar to the structure of many trauma systems. A number of studies have demonstrated better outcomes at high-volume centers for a variety of surgical procedures including pancreatectomy and esophagectomy. Many health care systems are building surgical oncology programs that provide the necessary ancillary services to deliver better outcomes in this patient population. These programs have been the focus of marketing campaigns, thereby influencing the decisions of patients, policymakers, and insurance companies. Is regionalization good for America? Are all surgical outcomes volume related? The minimum volume standards debate, possible rural standards of care, and cancer care consolidation will be reviewed.

Introductions

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

Decentralization vs. Regionalization as a Model to Improve
Surgical Care

Andrew M. Ibrahim, MD, MSc, *Ann Arbor, MI*

Regionalization: The Military Perspective

Scott R. Steele, MD, FACS, FASCRS, *Cleveland, OH*

Regional Care in a Rural System

Marilu Bintz, MD, FACS, *Prairie Du Chien, WI*

Emerging Evidence on Surgical Outcomes at Critical
Access Hospitals

Andrew M. Ibrahim, MD, MSc, *Ann Arbor, Michigan*

*Sponsored by the Advisory Council for Rural Surgery and
the Advisory Council for General Surgery*



PS404 | 8:00-9:30 am

Office Treatment of Venous Disease

LOCATION: 1AB

TRACK(S): VAS

MODERATOR: Marc A. Passman, MD, FACS, *Birmingham, AL*

CO-MODERATOR: Ellen D. Dillavou, MD, FACS, *Durham, NC*

This Panel Session will discuss the office-based treatment of venous disease, including the treatment of varicose veins and venous ulcers. Topics that will be discussed include diagnosis of venous disease, indications for treatment, and recognition of Klippel-Trénaunay syndrome. Newer options for therapy will be discussed including venous ablation and foam sclerotherapy. Adjuncts such as the role of office-based ultrasound will be discussed. Differential diagnosis of the ulcer, for example, arterial vs. venous vs. mixed disease, and the role of compression will be discussed.

Thermal and Non-Thermal Ablation

Sheila Coogan, MD, FACS, *Houston, TX*

Sclerotherapy

Misaki Kiguchi, MD, MBA, *Washington, DC*

Endovascular Interventions for Deep Venous Obstruction
Deepak G. Nair, MD, MHA, RVT, FACS, *Sarasota, FL*

Who to LYSE?

Lori C. Pounds, MD, FACS, *San Antonio, TX*

Sponsored by the Advisory Council for Vascular Surgery

PS407 | 8:00-9:30 am

Postoperative Pain Control: Strategies for Decreasing the Need for Narcotics: Part I

LOCATION: 20D

TRACK(S): GEN, RUS, TRA

MODERATOR: Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Frederick L. Greene, MD, FACS, *Charlotte, NC*

Knowledge and skill in pain management are core competencies for all surgeons since adequate pain control is central to good patient care. Unintentional deaths due to opioids is an increasing problem in the U.S. The need to balance adequate pain control while guarding against inappropriate opioid use and abuse is a challenge facing surgeons today. The purpose of this session is to assist the practicing surgeon in formulating pain management strategies with a focus on opioid-sparing strategies, when possible. Thus, speakers will discuss how to leverage the expertise of additional members of the health care team, specifically pharmacists, to assist in optimizing postoperative pain control. The role of perioperative patient and family education in perioperative pain control will be highlighted.

Introduction to the Opioid Crisis in the U.S and the
Surgeon's Role

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Utilization of an Enhanced Perioperative Recovery Program
Improves Patient Outcomes and Reduces Opioid Use

Thomas A. Aloia, MD, FACS, *Houston, TX*



Patient Education: Supporting Informed Choice, Nonopioid Options, Safety, Screening Tools for High-Risk Patients
Kathleen Heneghan, PhD, MSN, RN, PN-C, *Chicago, IL*

Postoperative Pain Control Is a Team Sport: How to Effectively Integrate Your Pharmacist into the Postoperative Pain Control Plan

Rabia Atayee, PharmD, BCPS, *San Diego, CA*

Sponsored by the Committee on Surgical Palliative Care and the Committee on Perioperative Care

PS405 | 9:45-11:15 am

Ten Hot Topics in Surgical Oncology



LOCATION: 20BC

TRACK(S): ONC

MODERATOR: Daniel G. Coit, MD, FACS, *New York, NY*

CO-MODERATOR: David L. Bartlett, MD, FACS, *Pittsburgh, PA*

This session will address ten of the most current and controversial issues in surgical oncology today. It will include short focused discussions on the evolving indications for surgery in melanoma patients in the era of effective immune therapies, the optimal use of neoadjuvant chemotherapy for gastric cancer, the appropriate management of mucinous appendix tumors, and the latest data on how surgical stress and complications may negatively affect cancer recurrence. This program will also address updates in the management of retroperitoneal sarcomas and desmoid tumors, the management of positive sentinel nodes, and the indications for surgery of the axilla after neoadjuvant therapy in breast cancer. Finally, the program will address the state of the evidence for minimally invasive surgery for rectal cancer, and what surgeons should know about molecular testing in colorectal cancer. The aim of the program is to have experts in each respective field present up-to-date practical recommendations for management of these common problems.

What Is the Role of Surgery for Advanced Melanoma in the Era of Effective Immune Therapy?

Daniel G. Coit, MD, FACS, *New York, NY*

Which Patient With Gastric Cancer (if any) Should Be Offered Preoperative Chemotherapy?

Daniel G. Coit, MD, FACS, *New York, NY*

Incidental Mucinous Tumor of the Appendix: Observe, Right Hemicolectomy, or Hyperthermic Perioperative Chemotherapy (HIPEC)?

David L. Bartlett, MD, FACS, *Pittsburgh, PA*

Do Surgical Complications Make the Cancer Recur Faster?

David L. Bartlett, MD, FACS, *Pittsburgh, PA*

Diagnosis and Management of Retroperitoneal Sarcoma

Aimee M. Crago, MD, PhD, FACS, *New York, NY*

Updates on the Surgical Management of Desmoid Tumors

Aimee M. Crago, MD, PhD, FACS, *New York, NY*

Update on Management of the Positive Sentinel Node in Breast Cancer Z11 Ten-Year Results

Armando E. Giuliano, MD, FACS, FRCSEd, *Los Angeles, CA*

Axillary Management after Neo Adjuvant Therapy for Breast Cancer

Armando E. Giuliano, MD, FACS, FRCSEd, *Los Angeles, CA*

Minimally Invasive Surgery for Rectal Cancer: State of the Evidence

David Shibata, MD, FACS, *Memphis, TN*

Clinical Relevance of Molecular Testing in Colorectal Cancer

David Shibata, MD, FACS, *Memphis, TN*

Sponsored by the Program Committee

PS406 | 9:45-11:15 am

Novel Strategies to Address Surgeon Workforce Shortages



LOCATION: 6B

TRACK(S): GEN, RES/MED, RUS

MODERATOR: Mika N. Sinanan, MD, PhD, FACS, *Seattle, WA*

CO-MODERATOR: Kimberly A. Davis, MD, MBA, FACS, FCCM, *New Haven, CT*

With the increasing average age of the general surgeon in practice in the U.S. and an increasingly elderly population with growing surgical needs, novel strategies to address workforce shortages need to be developed. These strategies include but are not limited to the following: attracting medical students to surgery early in their training, supporting loan forgiveness inherent to contracts with hospitals or private surgeons, promoting patient awareness of the decreasing number of practicing surgeons, and implementing steps to transition surgeons who are near retirement but want to remain productive in surgery. A panel relevant to students and residents, practicing surgeons and retiring surgeons will explain the strategies to address each workforce element.

Strategies to Encourage Medical Student Recruitment into Surgical Residency

Paula M. Termuhlen, MD, FACS, *Duluth, MN*

Preventing Residency Attrition

Daniel L. Dent, MD, FACS, *San Antonio, TX*

Retaining Mid-Career Surgeons: Strategies to Mitigate Burnout

Julie A. Freischlag, MD, FACS, FRCSEd(Hon), *Sacramento, CA*

Engaging the Aging Surgeon

Paul J. Schenarts, MD, FACS, *Omaha, NE*

Sponsored by the Board of Governors Surgical Care Delivery Workgroup and the Advisory Council for General Surgery

PS408 | 9:45-11:15 am

Surgeons' Methods and Responses to Dealing with the Opioid Epidemic—Part II



LOCATION: 7AB

TRACK(S): GEN, RUS, TRA

MODERATOR: Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Opioids often are used as analgesia postoperatively, however their use is frequently accompanied by adverse drug events. Health care professionals, policymakers, organizations, and communities must reduce patient risk and harm. The surgeon needs to be part of a team approach to dealing with opioid use and abuse by their patients. This session will focus on the national opioid overuse epidemic,

management of the perioperative patient with chronic opioid use or addictions, adverse opioid-related drug events among surgical patients, and nonopioid outcomes. Patient education resources for professionals to utilize with their patients will be part of this program.

Introduction: Surgeons—Part of the Team

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Treatment of Perioperative Pain in Patients Who are Opioid Tolerant

Opioid-Related Adverse Drug Events: How to Walk the Tight Rope

James B. Ray, PharmaD, CPE, *Iowa City, IA*

Resources for Surgeons Responding to the National Opioid Challenge

Questions and Answers

Sponsored by the Patient Education Committee, the Committee on Surgical Palliative Care, and the Committee on Perioperative Care

PS409 | 9:45-11:15 AM



Ten Hot Topics in Health Care Reform

LOCATION: 31BC

TRACK(S): HP

MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

CO-MODERATOR: Patrick V. Bailey, MD, FACS, FAAP, *Washington, DC*

This panel will explore the Quality Payment Program (QPP) under the Trump Administration. What changes for surgeons are expected in 2018? How might surgeons participate in Alternative Payment Models?

ACS Manager of Policy Development
Matt Coffron, *Washington, DC*

ACS Manager of Regulatory Affairs
Vinita Ollapally, JD, *Washington, DC*

ACS Director Division of Advocacy and Health Policy
Christian Shalgian, *Washington, DC*

Sponsored by the Health Policy and Advocacy Group

THE OWEN H. WANGENSTEEN SCIENTIFIC FORUM

The Scientific Forum (SF) program provides a platform for scientific and surgical researchers across all levels of training and experience, including junior scientific investigators (surgery residents, medical students, and surgeons who have recently completed their training), to present their original research work before a national audience for the first time. More than 450 abstracts will be presented Monday through Thursday. CME credit is offered for these sessions.

New for 2017! The Scientific Forum features select "Quick Shot" three-minute, oral abstract presentations. These Quick Shot presentations are highlighted in gray throughout this Scientific Forum section.



Ribbon icon indicates abstract is the 2017 Excellence in Research Award Recipient

The Scientific Forum Committee is sponsoring or co-sponsoring the following sessions:

Monday, October 23

PS106 | 4:15-4:45 pm

Reconstructing the Body: 3-D, Custom Scaffolds, and Stem Cell Therapy

LOCATION: 31BC

Tuesday, October 24

TH03 | 7:00-7:45 am

Residency Redesign: Where Are We Headed?

LOCATION: 6B

Wednesday, October 25

PS318 | 12:45-2:15 pm

Future Surgeon-Scientists: How Do We Train Them?

LOCATION: 32AB

PS325 | 2:30-4:00 pm

Precision Medicine in Surgical Oncology: What Every Surgeon Needs to Know

LOCATION: 1AB

Scientific Forum session listings

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Monday, October 23

SF01 | 9:45-11:15 am

Hepatobiliary and Pancreas I

LOCATION: 6E

TRACK(S): GEN

MODERATORS:

Ajay V. Maker, MD, FACS, *Chicago, IL*

Kevin K. Roggin, MD, FACS, *Chicago, IL*

Conversion of Minimally Invasive

Pancreaticoduodenectomy: Predictors and Outcomes

Ibrahim Nassour, MD; Michael A. Choti, MD, FACS; Matthew R. Porembka, MD; John C. Mansour, MD, FACS; Adam C. Yopp, MD, FACS; Patricio M. Polanco, MD; Sam C. Wang, MD; Rebecca M. Minter, MD, FACS; *From University of Texas Southwestern, Dallas, TX*

Altered Biliary Microbiome with Neoadjuvant Therapy Prior to Pancreatoduodenectomy

Ashlie Nadler, MD; Neha Goel, MD; Leigh Selesner; William H. Ward, MD; John Hoffman; Sanjay S. Reddy, MD; Henry A. Pitt, MD, FACS; *From Fox Chase Cancer Center, Temple University, Philadelphia PA*

Effects of Peroperative Music on the Biomolecular Inflammatory Response in Laparoscopic Surgery: A Triple-Blind Randomized Control Study

Brij B. Agarwal; Kiran B. Muley; Neeraj Dhamija; Nayan Agarwal; Satish Saluja; *From Sir Ganga Ram Hospital and GRIPMER, New Delhi, India, University College of Medical Sciences and GTB Hospital, Delhi, India, Lady Harding Medical College, New Delhi, India*

Which Clinical Features Predict Overtreatment for Intraductal Papillary Mucinous Neoplasms?

Jeremy Sharib, MD; Annabelle L. Fonseca, MD; Grace E. Kim, MD; Eugene J. Koay, MD PhD; Anirban Maitra, MB, BS; Kimberly S. Kirkwood, MD, FACS; *From University of California, San Francisco, San Francisco, CA, MD Anderson Cancer Center, Houston, TX*

Unnecessary Percutaneous Cholecystostomy Drainage is Associated with Potentially Preventable Mortality: A Comparison of Patient Characteristics and Management Strategies for Cholecystitis in 2005 and 2015

Jane Y. Zhao, MD; He Qiu; Ilya Aleksandrovskiy; Shannon Tierney; Michael Johnson; Mark Lawlor; Joel Braverman; Peter Elkin, MD; Steven D. Schwartzberg, MD, FACS; *From University at Buffalo, State University of New York, Buffalo, NY*

Impact of Fluorescent Cholangiography during Laparoscopic Cholecystectomy

Luis E. Sarotto, MD, FACS; Fernando Dip, MD; Mario Nahmod; Lisandro Alle, MD; Gonzalo Carles; Hernan Todeschini; Raul J. Rosenthal, MD, FACS, FASMB; *From Hospital de Clinicas University of Buenos Aires, Buenos Aires, Argentina, Cleveland Clinic Florida, Weston FL*

Partial Sleeve Duodenectomy for Duodenal Lesions

Levan Tsamalaidze, MD; John A. Stauffer, MD, FACS; Lucio L. Pereira, MD; Horacio J. Asbun, MD, FACS; *From Mayo Clinic Florida, Jacksonville, FL*

Scoring System for Preoperative Diagnosis of Invasive Gallbladder Cancer

Katsunori Sakamoto, MD; Akihiro Takai; Yoshitomo Ueno, MD; Kei Tamura, MD; Tetsuya Mizumoto; Hitoshi Inoue; Taro Nakamura; Kohei Ogawa; Taiji Tohyama, MD, PhD; Yasutsugu Takada, MD; *From Ehime University, Toon, Japan*

Total Pancreatectomy for Pancreatic Adenocarcinoma Is Associated With Improved Metrics for Oncologic Resection as Compared to Partial Pancreatectomy but Not Improved Survival Outcomes: A National Cancer Database Study

Imran A. Siddiqui, MD; Amit Sastry; Megan A. Templin; Erin H. Baker, MD; John B. Martinie, MD, FACS; Dionisios Vrochides, MD, PhD; David A. Iannitti, MD, FACS; *From Carolinas Medical Center, Charlotte, NC*

Impact of Operative Time on Outcomes after Pancreatic Resection: A Risk-Adjusted Analysis Using the ACS NSQIP® Database

Laura Maggino, MD; Brett L. Ecker, MD; Henry A. Pitt, MD, FACS; Charles M. Vollmer, Jr., MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

SF02 | 9:45-11:15 am

Surgical Education I

LOCATION: 5AB

TRACK(S): EDU

MODERATORS:

Gopal C. Kowdley, MD, PhD, FACS, *Baltimore, MD*

James F. Whiting, MD, FACS, *Portland, ME*

An Appreciative Inquiry Approach to the Core Competencies: Taking it from Theory to Practice

Emily Sturm, MD; John D. Mellinger, MD, FACS; Jeanne L. Koehler, PhD; Jarrod C. Wall, MBBCh, FACS; *From Southern Illinois University School of Medicine, Springfield, IL*

Assessing Learning During Morbidity and Mortality Conference with a Real-Time Response System

Ira L. Leeds, MD; Sandra DiBrito, MD; Christian Jones, MD, FACS; Elliott R. Haut, MD, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD*

How Are U.S. Surgical Trainees Engaging with the Electronic Health Record? Results of a National Resident Survey

Edward S. Shipper, III, MD; Rebecca L. Hoffman, MD; Katherine Wood, MD; Nicolas J. Mouawad, MD, MPH, MBA; Mariam F. Eskander, MD, MPH; Luke V. Selby, MD; Lillian M. Erdahl, MD; Curt Tribble, MD; Douglas S. Smink, MD, MPH, FACS; Kenric M. Murayama, MD, FACS; *From Stanford University, Stanford, CA, University of Pennsylvania, Philadelphia, PA, University of Hawaii, Honolulu, HI*

Self-Efficacy and Well-Being Among Surgical Residents

Arghavan Salles, MD; Laurel Milam; Claudia Mueller, PhD, MD; Geoff Cohen, PhD; *From Stanford Health Care, Stanford, CA, Washington University, St. Louis MO*

Vascular 0+5 Residents Spend 1/5th of Their Time on Electronic Health Records after Duty Hours

Faisal Aziz, MB, BS, FACS; Lauren Basti; Jeremy Keefer; *From Penn State University, Hershey, PA*

Virtual Residency Program

Suruchi Kothari, MD; Ali N. Bahsoun; *From Touch Surgery, London, U.K.*

Do Trends in Operative Volume Support the Increase in the Revised Operative Experience Requirements for Liver and Pancreas Surgery as of 2017-2018?

Matthew Kelley, MD; Gregory B. Burgoyne, MD, FACS; Richard F. Heitmiller, II, MD, FACS; *From MedStar Union Memorial Hospital, Baltimore, MD*

Decision of Surgeons to Practice in Rural vs. Urban Settings

Nicole N. Thorndal; Paula M. Termuhlen, MD, FACS; James G. Boulger, PhD; *From University of Minnesota Medical School, Duluth, MN*

Postoperative Surgical Trainee Opioid Prescribing Practices: An Institutional Study

David J. Hall, III, MD; Kevin R. Olsen, MD; Juan C. Mira, MD; Patrick W. Underwood, MD; Terrie Vasilopoulos, PhD; Ajay B. Antony, MD; George A. Sarosi, Jr., MD, FACS; *From University of Florida, Gainesville, FL*

Role of Video Documentation and Video Portfolios for Surgical Trainees

Courtney A. Green, MD; Patricia O'Sullivan; Edward Kim, MD; Hueylan Chern, MD; *From University of California, San Francisco, San Francisco, CA*

SF03 | 9:45-11:15 am

Urological Surgery I

LOCATION: 9

TRACK(S): URO

MODERATORS:

John G. Pattaras, MD, FACS, *Atlanta, GA*

Eric A. Singer, MD, FACS, *New Brunswick, NJ*

Relative to an Open Approach, Minimally Invasive Pediatric Renal Surgery Offers No Significant Improvement in 30-Day Complications: Data from the Pediatric National Surgical Quality Improvement Program (NSQIP)

Marc Colaco, MD; Austin G. Hester, MD; Alison M. Rasper, MD; Ryan Terlecki, MD, FACS; *From Wake Forest University, Winston-Salem, NC*

Computed Tomography Texture Analysis Is Associated With Histopathologic Features and Protein Expression in Small Renal Cell Carcinomas

Edwin J. Abel, MD, FACS; Perry Pickhardt, MD; Jered Nystrom; Meghan Lubner; *From University of Wisconsin, Madison, WI*

Fluorescent (Blue Light) Cystoscopy Improved 3-Year Recurrence Free Survival Rates of Recurrent Bladder Tumor Patients

Tracy M. Downs, MD, FACS; Timothy J. Rushmer; E. Jason Abel, MD, FACS; Shiva Damodaran, MD; Kyle A. Richards, MD; David F. Jarrard, MD; *From University of Wisconsin School of Medicine and Public Health Madison, WI*

Compared to Open Surgery, Laparoscopic Ureteral Reconstruction in Pediatric Patients Offers No Improvement in 30-Day Complications, yet Requires Longer Operative Time: Data from the Pediatric National Surgical Quality Improvement Program

Austin G. Hester, MD; Marc Colaco, MD; Alison M. Rasper, MD; Ryan Terlecki, MD, FACS; *From Wake Forest University, Winston-Salem, NC*

Pelvic Lymphadenectomy in Intermediate to High-Risk Prostate Cancer (CaP) Patients: A Comparison of Robotic and Open Approaches

John G. Pattaras, MD, FACS; Dean Laganosky, MD; Datta Patil; Kenneth Ogan, MD; Andrew Michigan, MD; *From Emory University School of Medicine, Atlanta, GA*

Racial Disparities Among Men Undergoing Anatomic Restoration With Urologic Prosthetics

Kara E. McAbee, MD; Alison M. Rasper, MD; Marc Colaco, MD; Ryan Terlecki, MD, FACS; *From Wake Forest Baptist Medical Center Winston-Salem, NC*

The Use of Prostate-Specific Antigen Velocity as a Screening Tool for Pre-Biopsy Detection of Prostate Cancer in African-American Men: A Single-Institutional Analysis

Zachary S. Feuer; Daniel A. Segal; Clara Oromendia; Frank A. Myers Jr., MD; Samuel Gold; Jeffrey P. Weiss, MD; Brian K. McNeil, MD; Llewellyn M. Hyacinthe, MD, FACS; Andrew Winer, MD; *From Kings County Hospital Center, SUNY Downstate Medical Center, Brooklyn NY, Weill Cornell Medicine, Division of Biostatistics, New York NY*

Trend in Volume of Urologic Prosthetic Surgery following Initiation of Prostate Cancer Survivorship Program

Alison M. Rasper, MD; Kara E. McAbee, MD; Marc Colaco, MD; Ryan Terlecki, MD, FACS; *From Wake Forest Baptist Medical Center, Winston-Salem, NC*

Incidence of Prostate Cancer in Men on Testosterone Replacement Therapy after Resection of Pituitary Adenomas: No Increased Risk on Long-Term Follow-Up

Kara E. McAbee, MD; Lauren Edgar; Alison M. Rasper, MD; Stephen Tatter, MD; Ryan Terlecki, MD, FACS; *From Wake Forest Baptist Medical Center, Winston-Salem, NC*

A Manual of Operations for the Multi-Institutional Bladder Exstrophy Consortium: A Recipe for Successful Continuing Surgical Education

Bryan S. Sack, MD; Evalynn Vasquez, MD, MBA; Elizabeth Roth, MD; Douglas A. Canning, MD, FACS; John V. Kryger, MD; Dana A. Weiss, MD; Travis Groth, MD; Aseem Shukla, MD; Michael E. Mitchell, MD; Joseph G. Borer, MD, FACS; *From Boston Children's Hospital, Boston, MA, Children's Hospital of Philadelphia, Philadelphia PA, Children's Hospital of Wisconsin, Milwaukee, PA*

SF04 | 9:45-11:15 am

e-Poster Rounds I

LOCATION: 6A

TRACK(S): BTR, CRS, GER, HP, PED, PLA

e-Posters are listed by category, in the Scientific Forum e-Poster section, on page 150.

SF05 | 11:30 am-1:00 pm**Trauma I**

LOCATION: 20D

TRACK(S): GEN, TRA

MODERATOR: Matthew R. Rosengart, MD, MPH, FACS, Pittsburgh, PA

Changes in Early Epigenetic Transcriptome following Blunt Trauma

Martin Sillesen, MD, PhD; Yongqing Li, MD, PhD; Hasan B. Alam, MB, BS, FACS. From University of Michigan, Ann Arbor, MI, Copenhagen University Hospital Rigshospitalet Denmark

Toward a Molecular Signature of Immune Dysfunction in Burn Trauma

Wesley H. Stepp, PhD; Lucas Sjeklocha; Robert Maile, PhD; Bruce A. Cairns, MD, FACS. Samuel Jones, MD; From University of North Carolina at Chapel Hill, Chapel Hill, NC

The Tired Platelet: Functional Anergy Following Injury

Lucy Z. Kornblith, MD; Anamaria J. Robles, MD; Amanda S. Conroy; Byron Y. Miyazawa; Rachael A. Callcut, MD, FACS; Mitchell J. Cohen, MD, FACS. From University of California San Francisco, San Francisco, CA

Extracellular ATP Protects Against Sepsis by Enhancing the Intracellular Killing of Bacteria

Zoltan H. Nemeth, MD, PhD; Balazs Csoka, PhD; Zoltan Spolarics, MD, PhD; Louis T. DiFazio, MD; Rolando H. Rolandelli, MD, FACS; Gyorgy Hasko, MD, PhD. From Morristown Medical Center, Morristown, NJ, Rutgers–New Jersey Medical School, Newark, NJ

The Impact of Early-TEG Directed Therapy in Trauma Resuscitation

Mina Salib; Mohamed A. Mohamed, MD, FEBEM; Karl Majeske, PhD; Gul R. Sachwani, DO, FACOS; Michael L. McCann, DO, FACS. From Hurley Medical Center, Flint, MI

Microcirculatory Effects of Polyethylene Glycol 20,000 during Resuscitation of Hemorrhagic Shock

Niluka Wickramaratne, MD; Valerie Plant, MD; Ashley Limkemann, MD; Michel B. Aboutanos, MD, MPH, FACS; Martin Mangino, PhD. From Virginia Commonwealth University, Richmond, VA

Pentoxifylline In A Multiple Trauma Swine Model during Resuscitation: Physiological and Rotational Thromboelastometry Effects

Rodrigo Vaz Ferreira, MD; Juliana Mynssen da Fonseca Cardoso, MD; Paulo Fernandes Saad, MD, PhD; Karen Ruggeri Saad, MD, PhD; Denise Aya Otsuki, MD, PhD; Edivaldo Massazo Utiyama, MD, PhD; Edna Frasson de Souza Montero, MD, PhD. From Universidade de Sao Paulo, Sao Paulo, Brazil

Rebound Hypercoagulation in the Trauma Patient

Samuel Kingsley, MD; Richard J. Fantus, MD, FACS; Allan B. Peetz, MD. From Advocate Illinois Masonic Medical Center, Chicago, IL

Baseline ACS TQIP Functional Status Screen Correlates with Attributable Mortality Following Geriatric Trauma

Nicole L. Werner, MD; Jill R. Cherry-Bukowiec, MD; Jinkyung Ha, PhD; Lillian Min, MD; Pauline K. Park, MD. From University of Michigan, Ann Arbor, MI

Comparing Outcomes and Costs Between Vascular and Nonvascular Trauma: Injury Severity Classification is Not an Accurate Predictor in Vascular Trauma

Joshua Parreco, MD; Michael Lopez, DO; Reagan Ross, MD; Rishi Rattan, MD. From University of Miami Miller School of Medicine, Miami, FL

Over the Hill and Falling Down: Can the NEXUS Criteria Be Applied to the Elderly?

Amani Jambhekar, MD; Ryan Lindborg, MD. Vincent Chan. Adriana Fulginiti. Bashar H. Fahoum, MD, FACS. James Rucinski, MD. From New York Presbyterian, Brooklyn Methodist Hospital, New York, NY

Intrusion, Ejection, and Death in the Compartment: Mechanism-Based Trauma Activation Criteria Fail to Identify Seriously Injured Patients

Philip Edmundson, MD; Jacob W. Roden-Foreman; Evan E. Rainey; Michael Ewing MD; Nakia Rapier; Geoffrey A. Funk, MD; Michael L. Foreman, MD. From Baylor University Medical Center, Dallas, TX

SF06 | 11:30 am-1:00 pm**Global Surgery/Humanitarian Outreach I**

LOCATION: 6D

TRACK(S): HUM, INT

MODERATORS:

Daniel A. DeUgarte, MD, FACS, Los Angeles, CA

Ziad C. Sifri, MD, FACS, Newark, NJ

The Cost of Saving a Child's Life: A Cost-Effectiveness Analysis of a Pediatric Operating Room in Uganda

Ava Yap; Arlene M. Nakanwagi, MD; Maija Cheung, MD; James Healy; Nasser Kakembo; Phyllis Kisa; David Cunningham; John Sekabira; Reza Yaesoubi; Doruk Ozgediz; From Yale School of Medicine, New Haven, CT, Makerere University, Kampala, Uganda, The ARCHIE Foundation, Aberdeen, Uganda

Developing Operating System Process Maps for Surgical Infection Prevention: A Tool to Improve Perioperative Standards in Low-and-Middle Income Countries

Jared Forrester, MD; Luca A. Koritsanszky, MPH; Menbere M.H. Hailu, Nursing; Demisew Amenu, MD; Alex B. Haynes, MD, MPH; William Berry, MD, MPH; Seifu Alemu, MD; Fekadu Jiru, MD, MPH; Thomas G. Weiser, MD, FACS; From Jimma University, Jimma, Ethiopia, Stanford University, Stanford, CA, Lifebox Foundation, Boston, MA

Laparoscopy in a Semi-Urban Nigerian Hospital: An Outcomes-Focused Comparative Analysis of Laparoscopic and Open Surgery

Katherine E. Smiley, MD; Funmilola Wuraola, MB,BS; Bolanle O. Mojibola, MB, ChB; Adewale Aderounmu, MB,BS; Raymond R. Price, MD, FACS; Adewale O. Adisa, MB, ChB, FACS; From University of Utah, Salt Lake City, UT, Obafemi Awolowo University Teaching Hospitals Complex, Ile Ife, Nigeria

Burden of Pediatric Surgical Conditions in Uganda: Epidemiology and Mortality from a Prospective Database at a Tertiary Care Center

Maija Cheung, MD; Nasser Kakembo, MD; James Healy; Arlene M. Nakanwagi, MD; John Sekabira, MD; Doruk Ozgediz; *From Yale New Haven Hospital, New Haven, CT, Makerere University, Kampala, Uganda*

How to use Global Surgery Indicators in a Low-Resource Setting: Experience from the Line Islands, Kiribati

John Tekanene; Teraria Bangao, MB,BS; Baranika Toromon, MB,BS; Adam L. Kushner, MD, MPH, FACS; Lydia Lam, MD; *From Ronton Hospital, Kiritimati, Kiribati, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, Kirk School of Medicine, University of Southern California, Los Angeles, CA*

Loma Linda Gobar Surgery Elective: First 1,000 Cases

Dustin K. Donley, MD; Cassandra K. Graybill, MD; Arega F. Leta, MD; Ryan A. Hayton, MD; *From Malamulo Mission Hospital, Thyolo, Malawi, Loma Linda University, Loma Linda, CA*

Benchmarking Global Surgical Oncology: Defining the Unmet Need for Cancer Surgery in Ghana

Cameron E. Gaskill, MD; Adam Gyedu, MD, MPH; Barclay T. Stewart, MD; Godfred Boakyee; Peter Donkor; Robert Quansah, MD, PhD; Charles N. Mock, MD, PhD, MPH; *From University of Washington, Seattle, WA, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana*

Evaluating Pediatric Surgical Capacity in the Eastern Democratic Republic of Congo: Results of a Pilot Study

Sarah B. Cairo, MD, MPH; Luc Malemo Kalisya, MD; Richard R.B. Bigabwa Bahirwe; David H. Rothstein, MD, FACS, FAAP, FACS; *From Women and Children's Hospital of Buffalo, Buffalo, NY, HEAL Africa Hospital, COSECSA, Goma Congo (Democratic Republic), State University of New York at Buffalo, Buffalo, NY*

Evaluation of Establishing Successful Intraosseous Access Using a Novel External Placement Guide

Rowza T. Rumma, MD; Trudy Van Houten, PhD; Reza Askari, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

Pre-Existing Malnutrition Increases Operative Mortality in a Sub-Saharan Africa Burn Unit

Joanna Grudziak, MD; Carolyn Snock; Tayamika Zalinga Phiri; Jared R. Gallaher, MD, MPH; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MB,BS, FACS; *From University of North Carolina-Chapel Hill, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

SF07 | 11:30 am-1:00 pm Vascular Surgery I

LOCATION: 6E

TRACK(S): VAS

MODERATORS:

Mahmoud Malas, MD, MHS, FACS, Baltimore, MD
Edith Tzeng, MD, FACS, Pittsburgh, PA

Perivascular Application of Nitric Oxide Releasing Silica Nanoparticles Reduces Arteriovenous Fistula Neointimal Hyperplasia

Joseph Fernandez-Moure, MD; Crystal S. Shin, PhD; Luis F. Gomez, MD; Ana S. Cruz-Solbes, MD; Nathan S. Bryan, PhD; Keith A. Youker, PhD; Ghanashyam S. Acharya, PhD; Eric K. Peden, MD, FACS; *From Houston Methodist Research Institute, Houston, TX*

Hospital Costs Associated with Surgeon-Hospitalist Co-Management in Vascular Surgery

Jeanie L. Gribben; I. M. Leitman, MD, FACS; Melissa Tardiff; Michael Brodman, MD; Holly Loudon, MD, MPH; Rami O. Tadros, MD, FACS; Kevin Farrell; Andrew Dunn; *From Icahn School of Medicine at Mount Sinai, New York, NY*

Effect of Statin Intensity on Postoperative Mortality Following Open Repair of Intact Abdominal Aortic Aneurysm: Is Intensive Therapy Necessary?

Husain Alshaikh, MD; Fuad Bohsali, MD; Faiz Gani, MB, BS; Besma Nejim, MB, ChB, MPH; Satinderjit S. Locham, MD; Hanaa Aridi; Mahmoud Malas, MD, FACS; *From Johns Hopkins University, Baltimore, MD*

A Fatty Acid Binding Protein, FABP4, Alters a Metabolic Enzyme That Plays a Major Role in Macrophage Inflammation and Wound Healing

Anna Eliassen, MD; Andrew Kimball, MD; Amrita Joshi, PhD; Steve Kunkel, PhD; Katherine Gallagher, MD; *From University of Michigan, Ann Arbor, MI*

Clinical Outcomes of the "Bypass Surgery First Strategy versus the Endovascular Surgery First" Strategy in Patients with Critical Limb Ischemia Due to Below the Knee Arterial Disease

Anand Dayama, MB, BS; Nathaniel M. Matolo, MD; *From San Joaquin General Hospital, French Camp, CA*

Cryopreserved Allograft in the Management of Native and Prosthetic Aortic Infections

Khalil Masabni, MD; Praveen Balraj, MD; Liang Liang; Alexander D. Shepard, MD, FACS; Timothy J. Nypaver, MD, FACS; Mitchell R. Weaver, MD, FACS; Loay Kabbani, MD; *From Henry Ford Hospital, Detroit, MI*

Routine Hemoglobin A1C Testing in Patients Undergoing Intervention for Peripheral Vascular Disease Can Detect Unknown Diabetes

Kimberly Reynolds; David J. O'Connor, MD, FACS; Michael Wilderman, MD, FACS; Anjali Ratnathicam, DO; Massimo Napolitano, MD, FACS; Gregory Simonian, MD; *From Hackensack University Medical Center, Hackensack, NJ*

Clinical Variables Associated with Wound Complication after Open Femoral Exposure for Endovascular Abdominal Aortic Aneurysm Repair

Bradley Trinidad, MD; Mohammad Eslami, MD; Gheorghe Doros, PhD; Denis Rybin; Alik Farber, MD; Tze Woei Tan, MD; *From University of Arizona College of Medicine, Tucson, AZ, Boston Medical Center, Boston MA, University of Pittsburgh, Pittsburgh, PA*

The Need for Use of Intraoperative Shunt During Carotid Endarterectomy Under Local Anesthesia Is Independently Associated with Perioperative Stroke

Anand Dayama, MB, BS; Alicia R. August, MD; Nathaniel M. Matolo, MD; *From San Joaquin General Hospital, French Camp, CA*

SF08 | 2:30-4:00 pm

e-Poster Rounds II

LOCATION: 6A

TRACK(S): GEN, EDU, TRA

e-Posters are listed by category in the Scientific Forum e-Poster section, on page 153.

SF09 | 2:30-4:00 pm

Health Services Research I

LOCATION: 3

TRACK(S): HP, EDU

MODERATORS:

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*
Samuel R.G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

Accelerating American College of Surgeons-National Surgical Quality Improvement Program (ACS NSQIP®) Surgical Site Infection Abstraction with a Semi-Automated Approach

Steven J. Skube, MD; Zhen Hu; Gyorgy J. Simon, PhD; Elizabeth C. Wick, MD; Elliot G. Arsoniadis, MD; Eric H. Jensen, MD, FACS; Mary R. Kwaan, MD, FACS; David A. Rothenberger, MD, FACS; Clifford Y. Ko, MD, MS, MSHS, FACS; Genevieve B. Melton, MD, PhD, FACS; *From University of Minnesota, Minneapolis, MN*

Extracorporeal Membrane Oxygenation Utilization Across U.S. Hospitals

Dani O. Gonzalez, MD; Yuri V. Sebastiao, PhD; Jennifer N. Cooper, PhD; Peter C. Minneci, MD; Katherine J. Deans, MD, FACS; *From Nationwide Children's Hospital, Columbus, OH*

Epidemiology of Firearm-Related Injuries in the U.S. from 2006 to 2013

Faiz Gani, MB, BS; Joseph K. Canner; *From Johns Hopkins University, School of Medicine, Baltimore, MD*



New Persistent Opioid Use after Bariatric Surgery

Sanjay Mohanty, MD; Jay S. Lee, MD; Rachel A. Ross; Amanda Stricklen; Arthur M. Carlin, MD, FACS; Amir A. Ghaferi, MD, FACS; *From University of Michigan, Ann Arbor, MI, Henry Ford Health System, Detroit, MI*



Quality in Cancer Care: An Assessment of the American College of Surgeons Commission on Cancer Quality Measures

Daniel P. Nussbaum, MD; Dan G. Blazer III, MD, FACS; Rachel A. Greenup, MD; Zhifei Sun, MD; Babatunde A. Yerokun, MD; Christel Rushing; Donna Niedzwiecki, PhD; *From Duke University Medical Center, Durham, NC*

A New Composite Measure for Assessing Surgical Performance

Shaina Sekhri; Rahul Iyengar; James Mossner; Andrew J. Mullard; Greta L. Krapohl, PhD; Darrell A. Campbell Jr., MD, FACS; Michael J. Englesbe, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Can a Virtual Clinic Review Replace a Surgical Clinic Visit after Discharge? A Randomised Controlled Trial

Paul Healy, MCh MB ChB; Liam F. McCrone, MB, BCh, BAO; Emer Flannery; Roisin Tully; Karen McNamara; Aoife Flynn; Gary Bass; Thomas N. Walsh, MCh MD, FRCSI; *From Connolly Hospital Dublin, Royal College of Surgeons In Ireland, Dublin, Ireland*

Cost of Bile Duct Injury: Surgical vs. Endoscopic Management

Zhi Ven Fong, MD; Henry A. Pitt, MD, FACS; Jason K. Sicklick, MD, FACS; Steven M. Strasberg, MD, FACS; Andrew P. Loehrer, MD, MPH; Mark A. Talamini, MD, FACS, MD FACS; Keith D. Lillemoe, MD, FACS; David C. Chang, PhD, MBA, MPH; *From Massachusetts General Hospital, Boston, MA*

SF50 | 2:30-4:00 pm

Urological Surgery II

LOCATION: 32AB

TRACK(S): URO

MODERATORS:

Tracy M. Downs, MD, FACS, *Madison, WI*
Kelvin A. Moses, MD, PhD, FACS, *Nashville, TN*

Young Patients with Bladder Cancer: Outcomes from the National Cancer Database

Claire M. de La Calle, MD; Samuel L. Washington III, MD; Maxwell V. Meng, MD, FACS; Sima P. Porten, MD; *From University of California, San Francisco, San Francisco, CA*

Long-Term Experience with Laparoscopic Renal Cryoablation (LCA) Using Real-Time Intraoperative Thermal Monitoring

Dean Laganosky; Mark Henry, MD; Frances Kim, MPH; Peter T. Nieh, MD; Viraj A. Master, MD, FACS; John G. Pat-
taras, MD, FACS; *From Emory University School of Medicine, Atlanta, GA*

The Value of a Cross-Discipline Team-Based Approach of Surgical and Urologic Oncologists for Resection of Renal Cell Carcinoma with IVC Tumor Thrombus: A Report of the Largest Contemporary Single-Institution Experience

Cecilia G. Ethun, MD; Shishir K. Maithel, MD, FACS; David A. Kooby, MD, FACS; Charles A. Staley, MD; Viraj A. Master, MD, FACS; *From Emory University, Atlanta, GA*

Diabetic Metrics That Lead to Increased Recurrence Rates in Non-Muscle Invasive Bladder Cancer

Tracy M. Downs, MD, FACS; Timothy J. Rushmer; E. Jason Abel, MD, FACS; Shivashankar Damodaran; Kyle A. Richards, MD; David F. Jarrard, MD; *From University of Wisconsin School of Medicine and Public Health, Madison, WI*

The Relationship Between Preoperative C-Reactive Protein and Fuhrman Nuclear Grade in Stage T1 Renal Cell Carcinoma—A Short-Term Update

Amar P. Patel, MD; Kevin Melnick; Rishi Sekar, MD; Dattatraya Patil, MB, BS, MPH; John G. Pattaras, MD, FACS; Mehrdad Alemozaffar, MD; Christopher P. Filson, MD; Peter T. Nieh, MD; Kenneth Ogan, MD; Viraj A. Master, MD, FACS; *From Emory University, Atlanta, GA*

Despite Increased Operative Time and Younger Patient Age, Increasingly Complex Hypospadias Repair is Not Associated with Increase in Postoperative Complications: A Pediatric National Surgical Quality Improvement Program (NSQIP) Database Review

Austin G. Hester, MD; Marc Colaco, MD; Alison M. Rasper, MD; Ryan Terlecki, MD, FACS; *From Wake Forest University, Winston-Salem, NC*

Should Active Surveillance Be the Treatment of Choice for Renal Oncocytic Neoplasms?

Edwin J. Abel, MD, FACS; Brady Miller, MD; Lori Mankowski Gettle, MD, MBA; Jason R. Van Roo; Timothy J. Ziemlewicz; Sara L. Best, MD; Shane Wells; Meghan Lubner; Tracy M. Downs, MD, FACS; Stephen Y. Nakada, MD, FACS; *From University of Wisconsin, Madison, WI*

Long-Term Outcomes in the Management of Chronic Malignant Ureteral Obstruction Using Metallic Resonance Stents: Largest Single-Center Experience

Timothy Juwono; Adam S. Baumgarten; Philippe E. Spiess, MD, FACS; *From Moffitt Cancer Center, Tampa, FL*

Long-Term Follow-Up of Renal Autotransplantation: A Single Institutional Study

Timothy Juwono; Bhavik Shah, MD; Lucas R. Wiegand, MD; Jorge Lockhart, MD; Victor Bowers, MD; *From University of South Florida Morsani College of Medicine, Tampa, FL*

SF10 | 2:30-4:00 pm

Vascular Surgery II

LOCATION: 1AB

TRACK(S): VAS

MODERATORS:

Misty D. Humphries, MD, FACS, *Sacramento, CA*

Michael T. Watkins, MD, FACS, *Boston, MA*

Creating Rechargeable Antithrombotic Surfaces for Implantation via Enzyme Mediated Ligation: A Novel System for Keeping Medical Devices Functional

Madhukar S. Patel, MD, MBA; Hyun Ok Ham, PhD; Carolyn A. Haller; Erbin Dai, MD; Liyang LL. Liu, MD; David R. Liu, PhD; Jian Liu, PhD; Elliot L. Chaikof, MD, PhD, FACS; *From Beth Israel Deaconess Medical Center, Massachusetts General Hospital, Harvard Medical School, Boston, MA*

Hospitalization Cost and In-Hospital Outcomes Following Non-Traumatic Type B Thoracic Aortic Dissection Repair

Besma Nejim, MB, ChB, MPH; Satinderjit S. Locham, MD; Hanaa Dakour Aridi, MD; Muhammad Rizwan; Nawar Z. Paracha, MD; Mahmoud Malas, MD, FACS; *From Johns Hopkins Bayview Medical Center, Baltimore, MD*

Developing Models of Disturbed Flow in Infrageniculate Arteries

Andrew Morris, MD; Luke P. Brewster, MD, PhD; Luke Timmins, PhD; *From Emory University Hospital, Atlanta VA Medical Center, Atlanta, GA, University of Utah, Salt Lake City, UT*

Outward Remodeling Is Impeded by IL-1 β in Abdominal Aortic Aneurysm

Rishi Batra, MD; Melissa Suh, MD; Jeff S. Carson, MD; Trevor M. Mesinger; Matthew Dale, PhD; Matthew P. Fitzgerald; Harrison Greene; Iraklis I. Pipinos, MD, FACS; Wanfen Xiong, MD, PhD; Bernard T. Baxter, MD; *From University of Nebraska Medical Center, Omaha, NE*

Novel Prediction Model for Cardiac Risk in Lower Extremity Revascularization

Anam Pal, MB, BS; Eitezaz Mahmood; Tara Dinitto, MD; Jonathan A. Schor; Kuldeep Singh, MD, FACS; Maria Sfakianos, MD; Jonathan Deitch, MD; Saqib Zia; *From Northwell Health Staten Island University Hospital, Staten Island, NY, Northwell Health North Shore University Hospital, New York, NY, Northwestern University Feinberg School of Medicine, Chicago, IL*

Carbon Monoxide Mediated Changes in Macrophages Are Regulated by Vagal Pathways

Karim M. Salem, MD; Guiying Hong; Andrew E. Leake, MD; Ankur Aggarwal, MD; Edith Tzeng, MD, FACS; *From VA Pittsburgh Healthcare System, University of Pittsburgh, Pittsburgh, PA*

Risk Factors for Deep Vein Thrombosis in Patients Who Undergo Radiofrequency Ablation for Treatment of Varicose Veins

Keshav Kumar; Anjani K. Thakur, MD, FACS; Vijaya Thakur, MD; *From Valley Vein Health Center, Turlock, CA*

Safety and Efficacy of Vascular Interventions Performed in a Busy Office-Based Surgery Center (OBSC) in Selected Patients with Low and Moderate Periprocedural Risk

Pavel Kibrik, DO; Enrico Ascher, MD, FACS; Yuriy Ostrozhynsky; Anil P. Hingorani, MD, FACS; Sheila Blumberg, MD; Matthew A. Goldstein; Tereza Izakovich; Natalie Marks, MD; *From Total Vascular Care, Brooklyn, NY*

The Association of Renal Disease and Readmission after Abdominal Aortic Aneurysm Repair in the Medicare Population

Joedd H. Biggs, MD; Ryan J. Kim, MD; Viktor Y. Dombrovskiy, MD, PhD, MPH; Robin L. Kruse, PhD; Todd R. Vogel, MD; *From University of Missouri, Columbia, MO, Robert Wood Johnson Medical School, Piscataway Township, NJ*

Aortobifemoral Remote Endarterectomy for Aortoiliac Occlusive Disease—A Compelling Alternative to Bypass

Zach M. Feldman; Adam H. Korayem, MD, PhD; Rajiv K. Chander, MD; David J. Finlay, MD, FACS; *From Icahn School of Medicine at Mount Sinai, New York, NY*

SF11 | 4:15-5:45 pm**General Surgery I**

LOCATION: 20D

TRACK(S): GEN

MODERATOR: Sasha D. Adams, MD, FACS, *Chapel Hill, NC***Burnout in U.S. Surgery Residents: Do Year of Training and Mindfulness Matter?**

Carter C. Lebares, MD; Ekaterina V. Guvva; Isabel E. Allen, PhD; Nancy L. Ascher, MD, PhD, FACS; Patricia O'Sullivan; Elissa S. Epel, PhD; *From University of California, San Francisco, San Francisco, CA*

Carolinas Established Surgical Preoperative Algorithm (CeSPA): Streamlining Evidence to Decrease Cost and Adhere to Guidelines during Preoperative Evaluation

Kathleen Coakley, DO; Tiffany Cox, MD; Ciara Huntington, MD; Tanu Prasad; Davis Heniford; Roger A. Ray, MD; Amy E. Lincourt, PhD; Paul D. Colavita, MD; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS; *From Carolinas Healthcare System, Charlotte, NC*

For Ambulatory General Surgery Procedures, Preferential Use of Monitored Anesthesia Care (MAC) Improved Postoperative Pain, Nausea, and Unplanned Returns to Emergency Care Across a 14 Hospital Health Care System

Sean M. O'Neill, MD, PhD; Chunyuan Qiu, MD; Vu T. Nguyen, MD; Deepak K. Sonthalia, MD; Tara A. Russell, MD, MPH; Steven R. Crain, MD; *From Kaiser Permanente Southern California, Pasadena, CA, University of California, Los Angeles, Los Angeles, CA*

A Multidisciplinary Collaborative Intervention Standardizing Perioperative Ambulatory Surgery Care Across 14 Hospitals Reduced Postoperative Pain and Unplanned Visits to the Emergency Department in Patients Undergoing Inguinal Hernia Repair

Sean M. O'Neill, MD, PhD; Chunyuan Qiu, MD, MS; Vu T. Nguyen, MD; Deepak K. Sonthalia, MD; Tara A. Russell, MD, MPH; Steven R. Crain, MD; *From Kaiser Permanente Southern California, Pasadena, CA, University of California, Los Angeles, Los Angeles, CA*

Effect of Opioid Schedule Change on Prescribing Habits of Surgeons

Joe A. Habbouche; Jay S. Lee, MD; Caitlin Khalsa; Ryan Howard; Hsou Mei Hu, PhD; Michael J. Englesbe, MD; Chad Brummett, MD; Jennifer F. Waljee, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Variation in Probability of Postoperative Opioid Prescription Refilling in the U.S.

Hannah R. Cottrell; Shaina Sekhri; Shubhangi Arora; Timothy Baerg; Anthony Duncan; Hsou Mei Hu, PhD; Michael Englesbe, MD; Chad Brummett, MD; Jennifer F. Waljee, MD, FACS; *From University of Michigan Medical School, Ann Arbor, MI*

Noninvasive Brain Imaging Demonstrates that Surgical Skills Transfer from Training Simulators to Ex-Vivo Models

Arun Nemani, PhD; Clairice Cooper, MD; Xavier Intes, PhD; Suvranu De, PhD; Steven D. Schwartzberg, MD, FACS; *From Rensselaer Polytechnic Institute, Troy, NY, University of Buffalo, Buffalo, NY*

Professional Coaching in Surgery: An Effort to Improve Practice and Patient Care

Nitin Chopra, MBA; Dominic A. Nistal; Jonathan A. Cabin, MD; I. Michael Leitman; Susan Lerner, MD; *From Icahn School of Medicine at Mount Sinai, New York, NY, The Center for Advanced Facial Plastic Surgery, Los Angeles, CA*

Surgical Specialty Choice: Perceptions about Choosing Surgical Specialties for Women in Surgery

Kristie Price; Maria S. Altieri, MD; Nabeel R. Obeid, MD; Samer Sbayi, MD; Andrew Bates, MD; Salvatore Docimo, DO; Konstantinos Spaniolas, MD; Mark A. Talamini, MD, FACS, MD, FACS; Aurora D. Pryor, MD, FACS; *From Stony Brook University Hospital, Stony Brook, NY*

SF12 | 4:15-5:45 pm**Pediatric Surgery I**

LOCATION: 32AB

TRACK(S): PED

MODERATORS:

Lisa P. Abramson, MD, FACS, *Sacramento, CA*Sean E. McLean, MD, FACS, *Chapel Hill, NC***The Artificial Placenta Rescues Premature Lambs from Ventilatory Failure**

Joseph T. Church, MD; Jennifer S. McLeod, MD; Elena M. Perkins; Robert H. Bartlett, MD; George B. Mychaliska, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Necrotizing Enterocolitis Leads to Microglial Activation and Impaired Myelination in the Brain

Diego F. Nino, MD, PhD; Qinjie Zhou, PhD; Yukihiro Yamaguchi, PhD; Laura Y. Martin, MD; William B. Fulton; Hong-peng Jia, MD; Peng Lu, PhD; Thomas Prindle; Chhinder P. Sodhi, PhD; David J. Hackam, MD, FACS; *From Johns Hopkins University, Baltimore, MD*

Assessment of Microglial Activation Patterns and Their Potential as an In-Vivo Marker of TBI Severity

Christopher M. Schneider, MD; Benjamin Aertker, MD; Henry W. Caplan, MD; Caterina C. Kaffes; Supinder S. Bedi, PhD; Charles S. Cox, Jr., MD, FACS; *From McGovern Medical School at the University of Texas, Houston, Center for Advanced Biomedical Imaging, MD Anderson, Houston, TX*

Gefitinib Blocks Macrophage-Promoted Invasion of Osteosarcoma Via Inhibition of Receptor-Interacting Protein Kinase 2 (RIPK2) and Prevents Progression of Pulmonary Micrometastases

Caroline W. Maloney, MD; Morris Edelman, MD; Marc Symons, PhD; Bettie M. Steinberg, PhD; Samuel Z. Soffer, MD, FACS; *From Northwell Feinstein Institute for Medical Research, Manhasset, NY; Northwell Cohen Children's Medical Center, New Hyde Park, NY; Elmezzzi Graduate School of Molecular Medicine, Manhasset, NY*

Prominin-1 Knockdown Decreases Fibrosis in Biliary Atresia

Michael Fenlon, MD; Menghan Zhao; Jiabo Xu; Jessica A. Zagory, MD; William Dietz; Sarah A. Diaz; Mark S. Cohen, MD; Kasper S. Wang, MD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA, University of Michigan, Ann Arbor, MI*

PIM Inhibition Decreases Hepatoblastoma Tumor Initiating Cell Phenotype

Laura L. Stafman, MD; Evan F. Garner, MD; Jamie Aye, MD; Jerry Stewart; Karina J. Yoon, PhD; Cramer S, DO; Elizabeth A. Beierle, MD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Reduced Spontaneous Neutrophil Migration Speed in Healthy Neonates

Steven L. Raymond, MD; Tyler J. Murphy; Felix Ellett, PhD; Julianne Jorgensen; Ricardo Ungaro; Lyle L. Moldawer, PhD; Daniel Irimia, MD, PhD; Shawn D. Larson, MB, ChB, FACS; *From University of Florida, Gainesville, FL, Massachusetts General Hospital, Harvard University, Boston, MA*

Lgr5 Stem Cell Proliferation from Spring-Mediated Distraction Enterogenesis in a Mouse Model

Nhan Huynh, MD; Genia Dubrovsky, MD; Joshua D. Rouch, MD; Martin G. Martin, MD; James C. Dunn, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA, Stanford University, Stanford, CA*

Serotonin Reuptake Transporter Knockout Mice Exhibit Increased Enterocyte Mass and Intestinal Glucose Absorption

Chasen J. Greig, MD; Lucy Zhang; Robert A. Cowles, MD, FACS; *From Yale School of Medicine, New Haven, CT*

SF13 | 4:15-5:45 pm Surgical Education II

LOCATION: 3

TRACK(S): EDU

MODERATORS:

Andrew S. Kastenmeier, MD, FACS, *Milwaukee, WI*
Robert P. Sticca, MD, FACS, *Grand Forks, ND*

Intensive Surgical Workshops Prior to Sub-Internships Significantly Enhance Medical Students' Learning Experience

Elijah W. Riddle, MD; Jason J. Han; Andrew Becker, MD; Dennis F. Hiller; Carla S. Fisher, MD, FACS; Cary B. Aarons, MD, FACS; Kristoffel R. Dumon, MD; Thane A. Blinman, MD, FACS; Ari D. Brooks, MD, FACS; *From Hospital at University of Pennsylvania, Perelman School of Medicine, Children's Hospital of Philadelphia, Philadelphia, PA*

Compassion Fatigue: The Cost of Caring and the Critical Need to Promote Wellness in Medical School Education

Julie Thompson-Burdine; Meredith Barrett, MD; Niki Matusko; David T. Hughes, MD; Rishi Reddy, MD; Gurjit Sandhu, PhD; *From University of Michigan, Ann Arbor, MI*

Do Intrinsic Factors of a Surgery Clerkship Site Influence the Decision to Pursue a Career in Surgery?

Jesse A. Clanton, MD; Maria Martinez; Stephanie N. Thompson, PhD; Jacquelyn S. Turner, MD, FACS; Renik Delisser, MD; Richard D. Stahl, MD, FACS; Deepa Etikala; Nancy L. Gantt, MD, FACS; *From West Virginia University, Charleston, WV, Morehouse School of Medicine, Atlanta, GA, Northeast Ohio Medical University, Rootstown, GA*

Improving Clinical Competencies for the Surgical Clerkship

Sarrina Shraga; Kaylene Barrera, MD; Michael J. Klein, MD; Casey Kohler, MD; Douglas E. James, MD; Robert DiRaimo, MD; Gainosuke Sugiyama, MD, FACS; *From SUNY Downstate Medical Center, Brooklyn, NY*

Differences in Mindset Between Teachers and Learners in the Operating Room

Katherine A. Hill, MD; Eliza B. Littleton, PhD; Giselle G. Hamad, MD, FACS; *From University of Pittsburgh, Pittsburgh, PA*

Evidence Supporting Use of a Novel Descriptive Tool for Intraoperative Feedback

Emily S. Huang, MD; Hueylan Chern, MD; Patricia O'Sullivan; *From University of California, San Francisco, San Francisco, CA*

Faculty Development for the Operating Room: An Examination of the Effectiveness of an Intraoperative Teaching Course for Surgeons

Aimee K. Gardner, PhD; Matthew D. Timberlake, MD; Brian J. Dunkin, MD; *From University of Texas Southwestern Medical Center, Dallas, TX, Baylor College of Medicine, Houston Methodist Hospital, Houston, TX*

A Rock and a Hard Place: Insight Into the Relationship Between Resident Operative Autonomy and Patient Satisfaction

Brandon M. Wojcik, MD; Noor Amari; David C. Chang, PhD; Heather Wachtel; Emil R. Petrusa, PhD; John Mullen, MD; Roy Phitayakorn, MD; *From Massachusetts General Hospital, Boston, MA*

Studying the Interactions Between Teams and Individuals in the Operating Room: A Pilot Study

Andras B. Fecso, MD; Sebnem S. Kuzulugil, PhD; Ceni Babaoglu, PhD; Ayse B. Bener, PhD; Teodor P. Grantcharov, MD, FACS; *From University of Toronto, Toronto, ON*

A Multi-Institutional, Qualitative Interview Study Investigating Attrition and Retention Resident Experiences Affecting the Decision to Complete General Surgery Training

Edward S. Shipper, III, MD; Genna Braverman; Elena C. Brandford, MD; Brittany Hasty, MD; Laura M. Mazer, MD; Dana T. Lin, MD, FACS; Jennifer N. Choi, MD, FACS; Nicole A. Kissane-Lee, MD, FACS; Jennifer Baynosa, MD, FACS; James N. Lau, MD, FACS; *From Stanford University, Stanford, CA*

Tuesday, October 24

SF14 | 8:00-9:30 am

Cardiac Surgery I

LOCATION: 3

TRACK(S): CTS

MODERATOR: Ravi K. Ghanta, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Leora T. Yarboro, MD, *Charlottesville, VA*

Device Choice Does Not Influence Outcomes after LVAD in Patients Bridged to Transplant or Destination Therapy



Nicholas Clarke, MD; Jessica E. Pruszyński, PhD; Mark Drazner, MD; Lynn C. Huffman, MD; Matthias Peltz, MD; *From University of Texas Southwestern Medical Center, Dallas, TX*

Outcomes after Cardiac Transplantation Using Donor Hearts With Low Ejection Fractions

Justin Collier, MD; Brian Lima, MD; Giovanna Saracino; Joost Feliús, PhD; Aayla K. Jamil, MB, BS, MPH; Gonzalo Gonzalez-Stawinski, MD; Aldo E. Rafael, MD; Juan C. Machannaford, MD; *From Baylor University Medical Center, Baylor Annette C. and Harold C. Simmons Transplant Institute, Dallas, TX*

Does Preoperative Troponin Level Impact Outcomes following Coronary Artery Bypass Grafting?

Jared Beller; J. Hunter Mehaffey, MD; Robert B. Hawkins, MD; Damien J. LaPar, MD; Irving Kron, MD, FACS; Leora Yarboro, MD; Ravi K. Ghanta, MD, FACS; *From University of Virginia, Charlottesville, VA*

Gastrointestinal Bleeding after Continuous Flow Left Ventricular Assist Device Implantation: Analysis of the INTERMACS Registry

Andrew M. Hallett; Yu Guo, PhD; Eugene A. Grossi, MD, FACS; Leora B. Balsam, MD, FACS; *From NYU-Langone Medical Center, New York, NY*

Impact of Body Mass Index on Implantation of a Continuous-Flow Left Ventricular Assist Device: A Single-Center 508 Patient Experience

Masashi Kawabori, MD; Chitaru Kurihara, MD; Tadahisa Sugiura; William E. Cohn; Andrew B. Civitello; O.H. Frazier; Jeffrey A. Morgan, MD; *From Texas Heart Institute, Baylor College of Medicine, Houston, TX*

Rigid Plate Fixation vs. Conventional Wire Cerclage Closure for Sternotomy after Cardiac Surgery: A Systematic Review and Meta-Analysis

Derrick Y. Tam, MD; Rashmi Nedadur, MD; Monica Yu, MD; Stephen E. Fremes, MD; *From University of Toronto, Toronto, ON*

Predicting Outcomes and Mortality for Critically Ill Patients with Infective Endocarditis

Mohammad A. Bashir, MB, BS, FACS; Trevor A. Davis; Jay K. Bhamra, MD, FACS; Domenico Calcaterra, MD, PhD; Kalpaj R. Parekh, MB, BS, FACS; *From University of Iowa Hospitals and Clinics, Iowa City, IA*

Glycocalyx Production by Viridans Streptococci Causing Endocarditis

Kelly Kapp; Shikhar S. Tomur; Harris Zamir; Lawrence H. Dall, MD; *From University of Missouri Kansas City, School of Medicine, Kansas City, MO, University of California, San Francisco, San Francisco, CA*

The Impact of Off-Pump Coronary Artery Bypass Surgery (OPCAB) on Surgical Outcomes for Coronary Artery Bypass Grafting (CABG): The New Jersey Cardiac Surgery Database Experience

Glenn W. Laub, MD, FACS; Genevieve A. Fasano; Joseph A. Costic, DO; Wade Fischer, MD; Joseph Garcia, MD; *From Drexel University College of Medicine, Philadelphia, PA*

SF15 | 8:00-9:30 am

Surgical Oncology I

LOCATION: 32AB

TRACK(S): ONC

MODERATOR: David J. Bentrem, MD, FACS, *Chicago, IL*

Gut Microbiome Depletion Decreases Tumor Burden in Murine Models of Cancer

Virshketan Sethi, MD; Bhuwan Giri, MD; Bharti Garg, PhD; Shrey Modi, MD; Rajinder Dawra; Sulagna Banerjee, PhD; Sabita Roy, PhD; Sundaram Ramakrishnan, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

The American Society of Peritoneal Surface Malignancies Multi-Institution Evaluation of Laparoscopic Cytoreductive Surgery and Heated Intraperitoneal Chemotherapy

Jesus Esquivel, MD, FACS; Alvaro Arjona-Sanchez, PhD; *From Frederick Memorial Hospital, Frederick, MD, Hospital Reina Sofia, Cordoba, Spain*

A Preclinical Evaluation of Minnelide in Treating Melanoma

Virshketan Sethi, MD; Bhuwan Giri, MD; Bharti Garg, PhD; Shrey Modi, MD; Sulagna Banerjee, PhD; Sundaram Ramakrishnan, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD; *From University of Miami, Miami, FL, University of Minnesota, Minneapolis, MN*

Disparities in Biopsychosocial Concerns When Facing a Breast Cancer Diagnosis: Results of a Distress Screening Program

Sinziana A. Dumitra, MD; Veronica Jones, MD; Jennifer Rodriguez; Courtney Bitz; Ellen Polamero; Richard A. Obenchain; Matthew Loscalzo; Laura L. Kruper, MD, FACS; Susanne G. Warner, MD; *From City of Hope, Duarte, CA*

Epigenetic Modulation Enhances Immunotherapy for Hepatocellular Carcinoma

Young K. Hong, MD; Harshul Pandit; Zachary Pulliam; Norman Galbraith, Norman Galbraith, MB ChB; Su Ping Li; Yan Li, PhD; Robert C.G. Martin II, MD, PhD; *From University of Louisville, Louisville, KY*

Analysis of Survival after Resection of Pancreatic Adenocarcinoma: When Does Surgical Volume Matter Most?

Alexander Fisher, MD; Ahmed I. Salem, MD; Glen E. Lever-son, PhD; Daniel E. Abbott, MD; Emily R. Winslow, MD, FACS; Sharon M. Weber, MD, FACS; *From University of Wisconsin, Madison, WI*

Does the Choice of Chemotherapeutic Agent, Mitomycin C vs. Oxaliplatin, Matter in Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy?

Irada Ibrahim-Zada, MD, PhD; Camille Stewart; Rodrigo Asturias Luna; Alyssa Blood; Csaba Gajdos, MD, FACS; Barish Edil; Nathan Pearlman, MD; Ana Gleisner, MD, PhD; Martin D. McCarter, MD, FACS; *From University of Colorado, Aurora, CO*

Functional Role of a Novel Epigenetic Regulator in Intrahepatic Cholangiocarcinoma (ICC)

Rebecca Marcus, MD; Wai Chin Foo, MD; Anirban Maitra, MB, BS; Sonal Gupta, PhD; *From The University of Texas MD Anderson Cancer Center, Houston, TX, Froedtert and the Medical College of Wisconsin, Milwaukee, WI*

SF16 | 8:00-9:30 am

Trauma II

LOCATION: 20BC

TRACK(S): GEN, TRA

MODERATORS:

Carrie A. Sims, MD, FACS, *Philadelphia, PA*

Motorcycles and Helmets: A National Review and the Dangers Associated with Repealing Universal Helmet Laws



Parth Patel; Christopher A. Staley; Mara Schenker, MD; Samir Mehta, MD. *From Emory University, Atlanta, GA, University of Pennsylvania, Philadelphia, PA*

Falls, Anticoagulation, and the Elderly: Are We Inappropriately Treating Atrial Fibrillation in This High-Risk Population?

Jenna N. Watson, MD; Efsthios Karamanos, MD; Michael E. Silverman; Nadeem Kandalaft; Arielle H. Gupta, MD; Casey Thomas, MD. *From Henry Ford Hospital, Detroit, MI.*

Indicators of Radiographic Progression Following Positive Initial Head CT in Trauma: A Multi-Institutional Retrospective Review

Abid D. Khan, MD; Anna J. Elseth; Jaqueline A. Brosius, MD; Thomas J. Schroepel, MD, FACS; Richard P. Gonzalez, MD, FACS. *From University of Colorado Health- Memorial Hospital, Colorado Springs, CO, Loyola University Medical Center, Maywood, IL*

Automatic Acoustic Gunshot Sensor Technology's Impact on Trauma Care

Magdalene A. Brooke, MD; Stefania Kaplanes; Gregory P. Victorino, MD, FACS. *From University of California, San Francisco - East Bay, Highland Hospital, Oakland, CA*

Post-Traumatic Complications as Preventable Events... Yes, No, or Maybe So?

Anamaria J. Robles, MD; Lucy Z. Kornblith, MD; Benjamin M. Howard, MD, MPH; Amanda S. Conroy; Ryan C. Kunitake; Mitchell J. Cohen, MD; Rachael A. Callcut, MD, FACS. *From University of California, San Francisco, San Francisco, CA*

Reduction of Pediatric Pedestrian Hazardous Road Conditions in a School Drop-Off Zone Using Video Review

Ibrahim Abd El-Shafy, MD; Jillian M. Savino; Nathan A.M. Christopherson; Jose Prince, MD, FACS. *From Cohen Children's Medical Center, New Hyde Park, NY, Feinstein Institute for Medical Research, Trauma Institute, Manhasset, NY*

Risk Factors for Mortality and Readmission after Pediatric Neurotrauma

Joshua Parreco, MD; Jessica L. Buicko, MD; Sarah Jernigan, MD; Rishi Rattan, MD. *From University of Miami Miller School of Medicine, Miami, FL*

Selective Computed Tomography (CT) Imaging is Superior to Liberal CT Imaging in the Hemodynamically Normal Pediatric Blunt Trauma Patient

Emily Pott; Aaron M. Strumwasser, MD; Chase Luther; Daniel Grabo, MD; Kazuhide Matsushima, MD; Damon Clark, MD; David R. Rosen, MD; Kenji Inaba, MD, FACS; Elizabeth R. Benjamin, MD, PhD, FACS; Demetrios Deme- triades, MD, PhD, FACS. *From Keck Medicine of the Uni- versity of Southern California, Los Angeles, CA*

Incidence and Outcomes of the Psychiatric Population Among Acute Trauma Victims

Shiliang Cao; Stephanie H. Chang, MD; Jacob T. Sim; Andrew H. Stephen, MD, FACS; Stephanie N. Lueckel, MD, FACS; William G. Cioffi, Jr., MD, FACS; Daithi S. Heffernan, MB, BCh, FACS. *From Brown University, Alpert Medical School, Providence, RI*

The Impact of Socioeconomics on In-Hospital Trauma Mortality in the Detroit Metropolitan Area

Jacey A. Loberg, MD; R. David Hayward, PhD; Mary Fessler; Elango Edhayan, MB, BS, FACS. *From St. John Hospital and Medical Center, Detroit, MI*

SF17 | 8:00-9:30 am

Vascular Surgery III

LOCATION: 31BC

TRACK(S): VAS

MODERATOR: Gale L. Tang MD, FACS, *Seattle, WA*

CO-MODERATOR: Scott M. Damrauer, MD, *Philadelphia, PA*

A Mouse Hindlimb Gangrene Model Followed by Novel Gene Therapy to Facilitate Reperfusion in Critical Limb Ischemia

Punam P. Parikh, MD; Roberta M. Lassance-Soares, PhD; Manuela M. Regueiro, PhD; Yan Li; Hongwei Shao, PhD; Zhao-Jun Liu, PhD; Omaid C. Velazquez, MD, FACS; *From University of Miami, Miami, FL*

Perioperative Use of Clopidogrel during Carotid Endarterectomy Does Not Increase Rate of Reoperation for Hematoma

Peter A. Beaulieu, DO; Ashraf Mansour, MD; Chris Cham- bers, MD; Eanas S. Yassa, MD; Robert F. Cuff, MD; Jason D. Slaikou, MD, FACS; Stefano Bordoli, MD; Peter Wong, MD; Tim Liao, MD; *From Spectrum Health, Grand Rapids, MI*

Tissue-Engineered Vascular Grafts for Use in Vascular and Reconstructive Surgeries

Gurtej Singh, PhD; Kai-li Liang; John Cordero; Brody Wiles; Miriam Rafailovich, PhD; Nicos Labropoulos, PhD; Duc T. Bui, MD; Sami U. Khan, MD; Marcia Simon, PhD; Alexander Dagum, MD, FRCS(C), FACS; *From Stony Brook University, Stony Brook, NY*

Surgeons Performing Six or More Open Abdominal Aortic Aneurysm Repairs per Year Have Improved Survival

Antoinette Esce; Ankit Medhekar; Fergal Fleming, MD; Roan Glocker, MD, FACS; Jennifer L. Ellis, MD; Kathleen G. Raman, MD, FACS; Michael C. Stoner, MD, FACS; Adam J. Doyle, MD; *From University of Rochester Medical Center, Rochester, NY*

Ly6C Hi Inflammatory Monocytes Drive Persistent Inflammation in a Murine Model of Diabetic Wound Healing

Andrew Kimball, MD; Matthew Schaller, PhD; Amrita Joshi, PhD; Ron Allen, PhD; Anna Bonikowski, MD; Peter K. Henke, MD, FACS; Steven Kunkel, PhD; Katherine Gallagher, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Aortic Anatomic Severity Grade Correlates with Perioperative and Mid-Term Mortality in Patients Undergoing Abdominal Aortic Aneurysm Repair

Zane Young, MD; Khurram Rasheed, MD; Antoinette Esce; Jennifer L. Ellis, MD; Roan Glocker, MD, FACS; Adam J. Doyle, MD; Kathleen G. Raman, MD, FACS; Michael C. Stoner, MD, FACS; *From University of Rochester Medical Center, Rochester, NY*

Arterial Eversion is a Safe Technique for Redo and Primary Carotid Endarterectomy

Isibor J. Arhuidese, MD, MPH; Jeffrey Edwards, MD; Danielle T. Fontenot, MD; Inkyong K. Parrack, MD; Peter R. Nelson, MD, FACS; Brad Johnson, MD; Mahmoud Malas, MD, FACS; Murray L. Shames, MD, FACS; *From University of South Florida, Tampa, FL, Johns Hopkins Medical Institutions, Baltimore, MD*

Outcomes of Carotid Endarterectomy under General and Regional Anesthesia: Updated Analysis from the Vascular Quality Initiative Database

Hanaa Dakour Aridi, MD; Nawar Z. Paracha, MD; Besma Nejim, MB, ChB, MPH; Satinderjit S. Locham, MD; Mahmoud Malas, MD, FACS; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Perioperative Outcomes of Patients Undergoing Fenestrated Endovascular Repair vs. Open Repair of Intact Abdominal Aortic Aneurysms Involving the Visceral Vessels: A 10-Year National Study.

Satinderjit S. Locham, MD; Besma Nejim, MB, ChB, MPH; Hanaa Dakour Aridi, MD; Rami Srouji; Muhammad Faateh, MD; Mahmoud Malas, MD, FACS; *From Johns Hopkins Medical Institution, Baltimore, MD*

Re-Operative Laparoscopic Release of Median Arcuate Ligament

Andrew Strong, MD; Kathryn E. Fong, MD; Benjamin Abraham, MD; John H. Rodriguez, MD, FACS; Woosup M. Park, MD; Matthew D. Kroh, MD, FACS; *From Cleveland Clinic, Cleveland, OH*

SF18 | 9:45-11:15 am

Cardiac Surgery II

LOCATION: 7AB

TRACK(S): CTS

MODERATOR: Zain Khalpey, MD, FACS, *Tucson, AZ*

CO-MODERATOR: Tom N. Nguyen, MD, FACS, *Houston, TX*

Pretreatment with Diazoxide Attenuates Injury in a Mouse Model of Spinal Cord Ischemia

Katsuhiko Yamanaka; Mohamed Eldeiry; Muhammad Aftab; Lisa S. Foley; Joshua Mares; Xianzhong Meng; Michael J. Weyant; Joseph Cleveland; David A. Fullerton, MD, FACS; Brett T. Reece, MD, FACS, FAHA; *From University of Colorado, Aurora, CO*

Interleukin-10 (IL-10) Induces Differential Myofibroblast Activation In Adult and Fetal Cardiac Fibroblasts Mediated by Upregulation of Transforming Growth Factor Beta-1 (TGFβ1)

Maggie M. Hodges, MD, MPH; Carlos Zgheib, PhD; Junwang Xu, PhD; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS, FAAP; *From University of Colorado, Denver, Aurora, CO*

Pellino-1 Overexpression in Cardiomyocyte Enhances Cardiac Function and Attenuates Ventricular Remodeling in Murine Myocardial Infarction Model

Jacob D. Campbell, DO, MPH; Vaithinathan Selvaraju, PhD; Mahesh Thirunavukkarasu, PhD; Vladimir Coca-Soliz, MD; Leonidas Tapias, MD; Chandra Mahon Kurapaty Venkata-poorana, PhD; Siu-Pok Yee, PhD; David W. McFadden, MD, FACS; J. Alexander Palesty, MD, FACS; *From University of Connecticut Health Center, Farmington, CT*

Risk Factors for Early Complications Following Thoracic Endovascular Aortic Aneurysm Repair

Derrick Acheampong; I.M. Leitman, MD, FACS; Shanice Guerrier; Percy Boateng; Valentina Lavarias; Christopher B. Mills, MD, FACS; *From Icahn School of Medicine at Mount Sinai, New York, NY*

The Incidence and Outcomes of Surgical Pulmonary Embolectomy in the U.S.: An Analysis of the Society of Thoracic Surgery Database

Zachary N. Kon, MD; Gregory J. Bittle; Chetan Pasrija; Sreekanth Vemulapalli; Maria V. Grau-Sepulveda, MD, MPH; Roland A. Matsouaka, PhD; Bradley Taylor, MD; James S. Gammie; Bartley P. Griffith; *From University of Maryland School of Medicine, Baltimore, MD*

Gender Differences of Anomalous Coronaries in Children

Barbara L. Robinson, MD, FACS; Frank Pigula; *From Boston Children's Hospital, Boston, MA*

MitraClip Leads to Less Strain Increase than Undersized Annuloplasty in Ischemic Mitral Regurgitation: A Finite Element Model

Ashley Morgan, MD; Joe L. Pantoja, MD; Jonathan W. Weinsaft, MD; Liang Ge, PhD; Curtis J. Wozniak, MD; Mark B. Ratcliffe, MD; *From University of California, San Francisco, East Bay, Oakland, CA, University of California, San Francisco, San Francisco, CA, Weill-Cornell Medical College, New York, NY*

Efficacy of a Multidisciplinary Rescue Protocol for Potentially Fatal Complications of Electrophysiology Procedures

Salaam S. Sadi, MD; Lauren Nosanov, MD; Edward O'Connor; Jennifer L. Paul; Melissa M. McLawhorn; Laura S. Johnon, MD; Chadi T. Abouassaly, MD; Zayd A. Eldadah, MD; Ezequiel J. Molina, MD, FACS; Jack Sava, MD, FACS; *From MedStar Washington Hospital Center, Georgetown University School of Medicine, MedStar Health Research Institute, Washington DC*

SF19 | 9:45-11:15 am

Colon and Rectal Surgery I

LOCATION: 20BC

TRACK(S): CRS

MODERATOR: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

CO-MODERATOR: Melanie Morris, MD, *Birmingham, AL*

Successful Adoption of Transanal Minimally Invasive Surgery in Robotic Surgery: A Multi-Institutional North American Experience



Shanglei Liu, MD; Bryce W. Murry, MD; Lisa Parry; Craig S. Johnson, MD; Santiago Horgan, MD, FACS; Sonia Ramamoorthy, MD; Samuel Eisenstein, MD; *From University of California, San Diego, San Diego, CA, Oklahoma Surgical Hospital, Tulsa, OK*

Video-Assisted Anal Fistula Treatment—A Minimal Invasive Approach to Complex Peri-Anal Fistula

Mohammed Amir, MD; *From Shifa International Hospital/ Shifa Tameer-E-Millat University, Islamabad, Pakistan*

Is Adjuvant Chemotherapy Necessary in the Management of Clinically Staged T3N0 Rectal Adenocarcinoma?

Sarath Sujatha-Bhaskar, MD; Colette S. Inaba, MD; Christina Koh, MD; Mehraneh D. Jafari, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Alessio Pigazzi, MD, FACS; *From University of California, Irvine Medical Center, Orange, CA*

Rectal Cancer: Nonoperative Watch and Wait vs. Standard of Care Surgical Total Mesorectal Excision Following Complete Clinical Response to Chemoradiation: A Prospective Cohort Study

Andrew Schumacher, MD; Aror Rao, MD; Bryan D. Loh, MD; Haig Dudukgian, MD; Armen Aboulian, MD, FACS; Elisabeth C. McLemore, MD, FACS, FASCRS; Vikram Attaluri, MD; *From Kaiser Permanente Los Angeles Medical Center, Los Angeles, CA*

Somatic Mutation Profile Predicts Metastatic Recurrences in Stage II and III Colorectal Cancers

Shonan Sho, MD; Colin M. Court, MD; Paul D. Winograd, MD; James S. Tomlinson, MD, PhD; *From University of California, Los Angeles, CA*

The Impact of Gender on Short-Term Complications and Long-Term Functional Outcomes Following Ileal Pouch-Anal Anastomosis

Nicholas P. McKenna, MD; Kellie L. Mathis, MD; Eric J. Dozois, MD, FACS; Amy L. Lightner, MD; *From Mayo Clinic Rochester, Rochester, MN*

Are We Taking a Risk with Risk Assessment Tools?

Evaluating the Relationship Between ACS NSQIP® and the ACS Surgical Risk Calculator in Colorectal Surgery

Deborah S. Keller, MD; Alyssa Mercadel; Jessie Ho; Gerald Ogola, PhD; Scott R. Steele, MD, FACS; *From Baylor University Medical Center, Texas A & M Health Sciences Center, Dallas, TX, Cleveland Clinic Foundation, Cleveland, OH*

Predictors of Quality of Life in Long-Term Follow-Up after Restorative Proctocolectomy with Ileal Pouch Anal Anastomosis

Olga Lavryk, MD; Tracy L. Hull, MD, FACS; Jean H. Ashburn, MD, FACS; Luca Stocchi, MD, FACS; Emre Gorgun, MD, FACS, FASCRS; Scott R. Steele, MD, FACS; *From Cleveland Clinic, Cleveland, OH*

SF20 | 9:45-11:15 am

e-Poster Rounds III

LOCATION: 6A

TRACK(S): BTR, HP, EDU

e-Posters are listed by category, in the Scientific Forum e-Poster section, on page 157.

SF21 | 9:45-11:15 am

Orthopaedic Surgery

LOCATION: 32AB

TRACK(S): ORT

MODERATOR: Herbert S. Schwartz, MD, FACS, *Nashville, TN*

CO-MODERATOR: Shawn R. Gilbert, MD, *Birmingham, AL*

Peroxisome Proliferator-Activated Receptor Gamma (also known as PPARγ) Inhibition Impairs BMP2-Mediated Bone Repair

Chenchao Wang, MD; Bharti Bisht, PhD; Jia Shen, PhD; Soonchu Lee; Yulong Zhang, PhD; Hsin Chuan Pan, DDS; Justine Tanjaya; Emily A. Berthiaume; Andrew L. Da Lio, MD; Chia Soo, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA, First Hospital of China Medical University, Shenyang, China, CHA Bundang Medical Center of CHA University, Seongnam, China*

Retrospective Clinical Study of Lower Extremity Amputation in Patients with Diabetes Mellitus and Peripheral Arterial Disease: Predictors of Postoperative Outcomes

Poya Pourghaderi; Kyle Yuquimpo; Suporn Sukpraprut-Braaten, PhD; Debbie Waggoner; *From Kansas City University, Kansas City, MO, Unity Health, Harding University, Searcy, AR*

HTX-011, A Proprietary, Extended-Release Combination of Bupivacaine and Meloxicam, Reduces Acute Postoperative Pain Intensity and Opioid Consumption Following Bunionectomy: Results From an Interim Analysis
Eugene R. Viscusi, MD; Oscare DeLeon-Casasola, MD; T.J. Gan, MD; Erol Onel, MD; Guy Boccia; Alice Chu; Mary Rose Keller; Thomas Ottoboni, PhD; Sanjay S. Patel, PhD; Barry Quart; *From Thomas Jefferson University Hospital, Philadelphia, PA, Roswell Park Cancer Institute, Buffalo, NY, State University of New York at Stony Brook, Stony Brook, NY*

Sleep Disturbances in Orthopaedic Trauma Patients
John O. Barron; Keyin Lu; Kimberly Jacobsen, MD; Heidi Israel, PhD; Lisa K. Cannada, MD; *From St. Louis University School of Medicine, St. Louis, MO*

Patellar Height Changes Following Primary Total Knee Arthroplasty
Véronique Drapeau-Zgoralski; Maher Baroudi, MD; Benoit Benoit, MD, FRCS; *From Hôpital du Sacré-Coeur de Montréal, Montréal, QC*

Does the Surgical Reduction of High-Grade Spondylolisthesis Restore Spino-Pelvic Alignment? An Analysis of 35 Patients
Rohit Amritanand; Venkatesh Krishnan; Kenny S. David, MB, BS, FACS; Justin Arockiaraj; *From Christian Medical College, Vellore, India*

Revision Surgery for Stiffness after Total Knee Arthroplasty: Related Mechanical Factors and Outcomes
Maher Baroudi, MD; Michel Malo; *From Montreal University, Sacre-Coeur Hospital, Montreal, QC*

SF22 | 12:45-2:15 pm
Bariatric/Foregut I

LOCATION: 6D

TRACK(S): BTR, GEN

MODERATORS:

Jon C. Gould, MD, FACS, *Milwaukee, WI*
Eric G. Sheu, MD, FACS, *Boston, MA*

Postsurgical Disruption of Intestinal Microbiota Composition Attenuates the Metabolic Efficacy of Vertical Sleeve Gastrectomy
Cyrus Jahansouz, MD; Scott Kizy, MD; Christopher Staley, PhD; Daniel B. Leslie, MD, FACS; Michael J. Sadowsky, PhD; Alexander Khoruts, MD; Sayeed Ikramuddin, MD, FACS; *From University of Minnesota, Minneapolis, MN*



Pathologic High-Resolution Manometry Findings Are Not Necessarily Associated With Inferior Outcomes after Paraesophageal Hernia Repair
Andrea Wirsching, MD; Qing Zhang, MD, PhD; Susan E. McCormick; Michal Hubka; Donald E. Low; *From Virginia Mason Medical Center, Seattle, WA*

Remission and Relapse of Type 2 Diabetes Mellitus after Bariatric Surgery: Vertical Sleeve Gastrectomy versus Roux-en-Y Gastric Bypass
Aldo G. Gonzalez; Joseph K. Canner; Hatim A. Alsulaim, MD, MPH; Kimberley E. Steele, MD, FACS; *From Johns Hopkins University, Baltimore, MD*

DiaRem Score as a Predictive Tool for Remission of T2DM in Patients Undergoing Sleeve Gastrectomy For Metabolic Syndrome: A Single-Institution Experience
Raul J. Rosenthal, MD, FACS, FASMB; Rafael R. Vecchio, MD; Alexandra Ferre, MD; Samuel Szomstein, MD, FACS; Emanuele Lo Menzo, MD, PhD, FACS; *From Cleveland Clinic Florida, Weston, FL*

Surgery for Benign Esophageal Disorders in the U.S.: Risk Factors for Complications and Trends of Morbidity in the Last Decade
Francisco Schlottmann, MD; Paula D. Strassle; Marco G. Patti, MD, FACS; *From University of North Carolina, Chapel Hill, NC*

Concomitant Hiatal Hernia Repair Is More Common in Sleeve Gastrectomy than during Laparoscopic Roux-en-Y Gastric Bypass: An Analysis of 130,772 Cases
Salvatore Docimo, DO; Andrew Bates, MD; Mark A. Talamini, MD, FACS; Aurora D. Pryor, MD, FACS; Konstantinos Spaniolas, MD; *From Stony Brook Medicine, Stony Brook, NY*

Laparoscopic Sleeve Gastrectomy Improves Glomerular Filtration Rate in Morbidly Obese Patients With Impaired Kidney Function
Raul J. Rosenthal, MD, FACS, FASMB; David R. Funes, MD; David G. Blanco, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; *From Cleveland Clinic Florida, Weston, FL*

Serum FABP4 Levels Decrease Following Roux-en-Y Gastric Bypass but not after Intensive Medical Management
Scott Kizy, MD; Cyrus Jahansouz, MD; Hongliang Xu, PhD; Daniel B. Leslie, MD, FACS; David A. Bernlohr, PhD; Sayeed Ikramuddin, MD, FACS; *From University of Minnesota, Minneapolis, MN*

Gastrointestinal Quality of Life Is Compromised after Repair of a Recurrent Paraesophageal Hernia Compared to a Primary Repair: A Retrospective Matched Case Comparison
Andrew M. Brown, MD; Ramzy T. Nagle; Talar Tatarian, MD; Michael J. Pucci, MD, FACS; Karen A. Chojnacki, MD, FACS; Ernest L. Rosato, MD, FACS; Francesco Palazzo, MD; *From Thomas Jefferson University Hospital, Philadelphia, PA*

Laparoscopic Total Gastrectomy for the Treatment of Post-Sleeve Chronic Unhealing Fistula
Almino Ramos, MD; Eduardo L.S. Bastos; Manoel P. Galvao; Manoela G. Ramos; Josemberg M. Campos; *From Gastro Obeso Center Institute, Sao Paulo, Brazil*

SF23 | 12:45-2:15 pm
Ethics

LOCATION: 3

TRACK(S): ETH

MODERATOR: Karen J. Brasel, MD, FACS, *Portland, OR*CO-MODERATOR: Jukes P. Namm, MD, *Loma Linda, CA***Patient and Surgeon Insights into Teaching during Awake Surgical Procedures**

Claire S. Smith; Kristina L. Guyton, MD; Mark Siegler, MD; Nancy Schindler, MD, FACS; Alexander Langerman, MD, FACS; *From University of Chicago, Chicago, IL, North Shore University Health System, Evanston, IL, Vanderbilt University, Nashville, TN*

Re-Conceptualizing Ethics through Morbidity and Mortality Rounds

Ryan C. Snelgrove, MD; John F.S. Sawires, MD; Stella L. Ng, PhD; Karen Devon, MD; *From University of Toronto, Toronto, ON*

Gender Bias in Letters of Recommendation for Urology Residency Applicants

Pauline L. Filippou, MD; Sejal L. Mahajan; Eric M. Wallen, MD, FACS; Hung-Jui Tan, MD; Raj Pruthi, MD, FACS; Angela B. Smith, MD, FACS; *From University of North Carolina, Chapel Hill, NC*

Professionalism: A Core Competency, But What Does It Mean? A Survey of Surgery Residents

Elizabeth A. Miller, MD; Joshua C. Dilday, DO; Brian Davis, MD; Kurt G. Davis, MD, FACS; *From William Beaumont Army Medical Center, Texas Tech University Health Sciences, El Paso, TX*

The Impact of Financial Conflict of Interest on Surgical Research

Mike K. Liang, MD, FACS; Karla Bernardi, MD; Deepa V. Cherla, MD; Cristina V. Perez, MD; Julie L. Holihan, MD; Maya L. Moses; Krislyn M. Mueck, MD; Oscar A. Olavarria, MD; Juan R.J. Flores, MD; *From University of Texas Health Science Center, Houston, TX*

Surgery Hurts: Characterization of the Unmet Palliative Care Needs of Surgical Patients

Tiffany Zens, MD; Kimberly E. Kopecky, MD; Margaret L. Schwarze, MD, FACS; Pasithorn A. Suwanabol, MD; *From University of Wisconsin, Madison, WI, University of Michigan, Ann Arbor, MI*

Decision Making, Communication, and Professionalism: Does the Service Environment Matter?

Lauren N. DeCaporale-Ryan, PhD; Rabih M. Salloum, MD, FACS; Sarah E. Peyre; David C. Linehan, MD, FACS; *From University of Rochester, Rochester, NY*

Suboptimal Management of Code Status for Patients Receiving Venting Gastrostomy Tube Placement for Malignant Bowel Obstruction

Marguerite Changala; Elizabeth J. Lilley, MD, MPH; Angela M. Bader, MD, MPH; Richard D. Urman, MD, MBA; Nicholas Sadovnikoff, MD; Zara Cooper, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

SF24 | 12:45-2:15 pm
General Surgery II

LOCATION: 20BC

TRACK(S): GEN

MODERATORS:

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*Erika Rangel, MD, FACS, *Chestnut Hill, MA***Generation of an Actionable, Preoperative Risk Prediction and Cost Model for Incisional Hernia Using Longitudinal Multi-Hospital Health Data**

John P. Fischer, MD; Marten N. Basta, MD; Jason Weissler, MD; Martin J. Carney; Robyn B. Broach, PhD; Jesse Hsu, PhD; Jeffrey A. Drebin, MD, FACS; Rachel R. Kelz, MD, FACS; Joseph C. Serletti, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Patient-Reported Outcomes following Ventral Hernia Repair: A Modular Approach to Designing a Qualitative Assessment Tool

Martin J. Carney; Kate E. Golden; Jason Weissler, MD; Michael A. Lanni; Andrew R. Bauder, MD; Brigid Cakouros, MPH; Fabiola A. Enriquez; Robyn B. Broach, PhD; Frances Barg, PhD; John P. Fischer, MD; *From University of Pennsylvania, Philadelphia, PA*

How Important is Accurate Physical Exam Data?**A Double-Blind Randomized Controlled Trial of Radiologic Interpretation of Ventral Hernias**

Deepa Cherla, MD; Katherine J. Blair, MD; Eduardo J. Matta, MD; Kaustubh G. Shiralkar, MD; Venkateswar R. Surabhi, MD; Steven S. Chua, MD; Lillian S. Kao, MD, FACS; Tien C. Ko, MD, FACS; Joseph P. Hasapes, MD; Mike K. Liang, MD, FACS; *From University of Texas Health Science Center at Houston, Houston, TX*

Improving Patient Outcomes With Inguinal Hernioplasty: Local Anesthesia vs. Local Anesthesia and Conscious Sedation: Results of a Randomized Controlled Trial

Pierre-Anthony E. Leake, MD; Patrick J. Toppin, MD; Marvin Reid, MD; Joseph M. Plummer; Patrick O. Roberts, MD; Hyacinth Harding-Goldson, MD; Michael E. McFarlane, MD; *From University of the West Indies, Kingston, Jamaica*

Weight Loss Before Complex Ventral Hernia Repair: Is It Sustainable?

Colin G. DeLong; Eric M. Pauli, MD; David I. Soybel, MD, FACS; *From Penn State Hershey Medical Center, Hershey, PA*

Preoperative Body Composition Measures as a Predictor of Postoperative Patient-Reported Outcomes

Mohamed O. Mohamed, MB, BS; Naoki Takahashi, MD; Christopher Welle, MD; Michael Moynagh, MB, BCh, BAO; Juliane Bingener, MD, FACS; *From Mayo Clinic, Rochester, MN*

Do Surgeons Know Their Complication and Recurrence Rates? A Survey-Based Study of Recurrent Ventral Hernia Patients

Kathleen Coakley, DO; Steven Groene; Tanu Prasad; Amy E. Lincourt, PhD; Paul D. Colavita, MD; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS; *From Carolinas Healthcare System, Charlotte, NC*

Outcomes Following Emergency Laparotomy: Should Frailty be Considered Alongside P-Possum?

Martin Trotter, MB, ChB; Alvin Yuan Liang Ng, MB, ChB; Judith R. Johnston, MB, BS; Marcel Gatt, MD, FRCS; John MacFie, MD, FRCSEd, FRCPEd; Clare McNaught, MD, FACS, FRCSEd; *From Scarborough General Hospital, Scarborough, UK*

Can Sarcopenia Quantified by Computed-Tomography Predict Adverse Outcomes in Emergency General Surgery?

Cathy Ho, MD; Faisal Jehan, MD; Joseph V. Sakran, MD, MPH, FACS; Terence O'Keeffe, MB, ChB, FACS; Narong Kulvatunyou, MD, FACS; Gary A. Vercruysse, MD, FACS; Arpana Jain, MD; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Silver Microparticles Prevent Incisional Hernias in Rats

Frank Primus, MD; Hobart W. Harris, MD, MPH; *From University of California, San Francisco, San Francisco, CA*

SF25 | 12:45-2:15 pm

Geriatric and Palliative Care

LOCATION: 32AB

TRACK(S): GER

MODERATORS:

Dan G. Blazer, MD, FACS, *Durham, NC*

Bellal Joseph, MD, FACS, *Tucson, AZ*

Pre-Existing Illness Burden is Associated with Emergency Department Visits and Mortality Following Emergency Laparotomy

Elizabeth J. Lilley, MD; Amy S. Kelley, MD; Evan Bollens-Lund; Christine Ritchie, MD, FACP, FAAHPM; Susan L. Mitchell, MD, MPH; Zara Cooper, MD, FACS; *From Brigham and Women's Hospital, Boston, MA, Mount Sinai School of Medicine, New York, NY, University of California, San Francisco, San Francisco, CA*

The Impact of Frailty on Failure-to-Rescue in Geriatric Emergency General Surgery Patients: A Prospective Study

Muhammad Khan, MD; Asad Azo, MD; Joseph V. Sakran, MD, MPH, FACS; Faisal Jehan, MD; Andrew L. Tang, MD, FACS; Narong Kulvatunyou, MD, FACS; Terence O'Keeffe, MB, ChB FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Paraspinous Muscle Sarcopenia Predicts One-Year Mortality in Older Adult Trauma Patients: Development and Validation of Prognostic Thresholds

Stephen J. Kaplan, MD, MPH; Kevin Penn, MD; Melanie Koren; Joel A. Gross, MD; Lisa A. Taitsman, MD, MPH; Itay Bentov, MD, PhD; Saman Arbabi, MD, MPH, FACS; Catherine L. Hough, MD; May J. Reed, MD; Tam N. Pham, MD, FACS; *From Harborview Medical Center, University of Washington, Virginia Mason Medical Center, Seattle, WA*



When Does a Patient's Postoperative Activity Return to Baseline?

Douglas M. Overbey, MD; Heather Carmichael, MD; Brandon C. Chapman, MD; Edward L. Jones II, MD; Teresa S. Jones, MD; Thomas N. Robinson, MD, FACS; *From University of Colorado, Aurora, CO, Denver Veterans Affairs Medical Center, Denver, CO*

Gait Speed Is a Valid Indicator In the Assessment of Perioperative Risk in the Elderly Surgical Patient

Gabriella Teresa Capolupo, MD, PhD; Gianluca Mascianà, MD; Maria Olimpia Brizi, MD; Filippo Carannante, MD; Domenico Borzomati, MD, FACS; Marco Caricato, MD, FACS; *From Geriatric Surgery Unit Policlinico Campus Bio-Medico, Rome, Italy*

Independence at Discharge Is Rare in Elderly Trauma Patients after Tracheostomy

Amy N. Hildreth, MD, FACS; Andrew M. Nunn, MD; Preston R. Miller, MD, FACS; *From Wake Forest School of Medicine, Winston-Salem, NC*

Sarcopenia Measured Using Masseter Area Predicts Early Mortality Following Severe Traumatic Brain Injury

Parker J. Hu, MD; Patrick L. Bosarge, Jr., MD, FACS; Rindi Uhlich, MD; Jeffrey D. Kerby, MD, PhD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Palliative Performance Scale as a Predictor of Poor Outcomes in Elderly Emergency General Surgery Patients

Brad Chernock; Sri Ram Pentakota, MD, MPH, PhD; Franchesca Hwang, MD; Ana Berlin, MD, MPH; Roshansa Singh; Ranbir Singh; David H. Livingston, MD, FACS; Anne C. Mosenthal, MD, FACS; *From Rutgers New Jersey Medical School, Newark, NJ*

"Unnecessary Imaging" in the Elderly Is Necessary

Timothy J. Choi; Brian T. Schnettgoecke; Shah N. Dodwad, MD; Charles E. Wade, PhD; John B. Holcomb, MD, FACS; Sasha D. Adams, MD, FACS; *From McGovern Medical School, Houston, TX*

Hospice Is Associated with Decreased Health Care Utilization for Medicare Beneficiaries who Died after Trauma Admission

Elizabeth J. Lilley, MD; John W. Scott, MD, MPH; Daniel Sturgeon; Ali Salim, MD, FACS; Zara Cooper, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

SF26 | 12:45-2:15 pm Health Services Research II

LOCATION: 9

TRACK(S): HP, EDU

MODERATOR: Zara Cooper, MD, FACS, *Boston, MA*

CO-MODERATOR: Ryan P. Merkow, MD, *Chicago, IL*

Early Adoption of Magnetic Resonance Imaging (MRI)-Guided Prostate Biopsies Rose Rapidly Among Men with Private Health Insurance

Wen Liu; Dattatraya Patil, MB, BS, MPH; David H. Howard, PhD; Renee H. Moore, PhD; Heqiong Wang, MPH; Martin G. Sanda, MD; Christopher P. Filson, MD; *From Emory University School of Medicine, Rollins School of Public Health, Atlanta, GA, Atlanta Veterans Administration Medical Center, Decatur, GA*

Missed Opportunities to Promptly Diagnose and Surgically Treat Adrenal Tumors

Danielle L. Clark; Alexandra Buffie; David S. Lee, MD, FACS; Samir S. Awad, MD, MPH; Konstantinos I. Makris, MD; *From Baylor College of Medicine, Micheal E DeBakey VA Medical Center, Houston, TX*

Postsurgical Opioid Prescription Duration and the Association with Overdose and Abuse

Gabriel Brat, MD, MPH; Denis Agniel, PhD; Andrew Beam; Brian Yorkgitis, DO; Mark C. Bicket, MD; Kathe P. Fox, PhD; Daniel Knecht, MD; Cheryl Walraven, PhD; Nathan Palmer, PhD; Isaac S. Kohane, MD, PhD; *From Harvard Medical School, Beth Israel Deaconess Medical Center, Boston, MA, Aetna, Inc., Philadelphia, PA*

The Effect of Hospital Familiarity with Complex Procedures on Overall Health Care Burden

Ahmed M. Al-Mazrou, MB, BS; Onur Baser; Pokala Ravi Kiran; *From NewYork-Presbyterian Hospital, Columbia University Medical Center, New York, NY*

Should Age-Based Breast Cancer Screening Guidelines Be Modified for Different Racial Groups?

David C. Chang, PhD; Sahael M. Stapleton, MD; Ya-Ching Hung, MD; Hiroko Kunitake, MD; Motaz Qadan, MD, PhD; Michele A. Gadd, MD FACS; Tawakalitu O. Oseni, MD; *From Massachusetts General Hospital, Harvard Medical School, Boston, MA*

Acute Rejection Following ABO Incompatible Kidney Transplantation: Results of a National Study

Margaux N. Mustian, MD; Robert M. Cannon, MD; Rhianon D. Reed, MPH; Brittany Shelton, MPH; Paul MacLennan, MPH, PhD; Jayme E. Locke, MD, FACS; *From University of Alabama at Birmingham, Birmingham, AL*

Financial Stability of Level I Trauma Centers Within Safety Net Hospitals

Lisa M. Knowlton, MD; Kristan L. Staudenmayer, MD; David A. Spain, MD; Arden M. Morris, MD, FACS; *From Stanford University Medical Center, Stanford, CA*

Surgeon Care Fragmentation During Readmission after Colorectal Surgery Is Associated With Increased Mortality: Continuity of Care Counts

Carla F. Justiniano, MD; Zhaomin Xu, MD; Adan Z. Becerra; Christopher T. Aquina, MD; Courtney I. Boodry, MD; Alex A. Swanger; Larissa K. Temple, MD, FACS; Fergal Fleming, MD; *From University of Rochester Medical Center, Rochester, NY*

SF27 | 12:45-2:15 pm Plastic and Maxillofacial Surgery I

LOCATION: 1AB

TRACK(S): PLA

MODERATORS:

Lifei Guo, MD, PhD, FACS, *Boston, MA*

Alex K. Wong, MD, FACS, *Los Angeles, CA*

α-Gal: Antigen-Stimulated Macrophage-Directed Accelerated Wound Healing

Omer Kaymakcalan, MD; Andrew I. Abadeer; Xue Dong; Sarah J. Karinja; Julia L. Jin; Alice Harper; Jaime L. Bernstein; Yoshiko Toyoda; Uri Galili, PhD; Jason A. Spector, MD, FACS; *From Weill Cornell Medical College, New York, NY, University of Massachusetts Medical Center, Worcester, MA*

Improved Pedicle Flap Survival with Hypoxia Inducible Factor DNA Plasmid

Zahra Alikhassy Habibabady, MD; Frank Lay; Raul Sebastian, MD; Louis J. Born; Lucy Wu; Christopher Ng; Ali Karim Ahmed; Guy P. Marti, MD; John W. Harmon, MD, FACS; *From Johns Hopkins School of Medicine, Baltimore, MD, University of Maryland, College Park, MD, Clinique St Jean, Melun, France*

Shifting Skeletal Stem Cell Dynamics Underlie Skeletal Aging in Mice

Owen Marecic; Adrian McArdle; Elly Seo; Ruth Tevlin, MB, BCh, BAO, MRCSI; Gunsagar S. Gulati; Matthew P. Murphy, MB, BCh, BAO, MRCSI; Michael Lopez; Irving L. Weissman, MD; Charles K. Chan, PhD; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Activation of the Mouse Resident Skeletal Stem Cell for Articular Cartilage Repair

Matthew P. Murphy, MB BCh, BAO, MRCSI; Michael Lopez; Ryan C. Ransom; Owen Marecic; Gunsagar S. Gulati; Charles K. Chan, PhD; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Palo Alto, CA*

Composite-Mediated Angiogenesis and Stem Cell Transplantation for Soft-Tissue Regeneration

Brian Cho, MD; Xiaowei Li, PhD; Sashank Reddy, MD, PhD; Russell Martin, PhD; Michelle Seu; Gurjot Walia; Hai-Quan Mao, PhD; Justin M. Sacks, MD, FACS; *From Johns Hopkins University School of Medicine, Johns Hopkins University Whiting School of Engineering, Baltimore, MD*

Fibromodulin Enhances Healing in Achilles Tendon Injury Models

Chenchao Wang, MD; Zhong Zheng, PhD; Wenlu Jiang, PhD; Yao Chen, PhD; Pin Ha, MD; Jong Kil Kim; Emily A. Berthiaume; Kang Ting, PhD; Andrew L. Da Lio, MD; Chia Soo, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA, First Hospital of China Medical University, Shenyang, China, West China Hospital of Stomatology of Sichuan University, Chengdu, China*

Enabled Non-Vascularized Grafting in Irradiated Bone Utilizing a Novel Implantable Deferoxamine Nano-Particle Formulation

Alexis Donneys, MD; Russell Ettinger, MD; Kavitha Ranganathan, MD; Alicia Snider, MD; Lauren Buchman; Noah S. Nelson, MPH; Jordan T. Blough; Sagar S. Deshpande; Mark S. Cohen, MD, FACS; Steven R. Buchman, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Doxycycline Improves Wound Healing via Nonantibiotic-Associated Mechanisms

Alessandra L. Moore, MD; Matthew P. Murphy, MB, BCh, BAO, MRCSI; Dre M. Irizarry, MD; Elizabeth A. Brett; Gerlinde Wernig, MD, PhD; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Remediation of Radiation-Associated Vasculopathy Utilizing a Novel Angiogenic Nanotechnology

Alicia E. Snider, MD; Alexis Donneys, MD; Kavitha Ranganathan, MD; Noah S. Nelson, MPH; Russell Ettinger, MD; Jose J. Rodriguez, MD; Sagar S. Deshpande; Laird Forrest, PhD; Mark S. Cohen, MD, FACS; Steven R. Buchman, MD, FACS; *From University of Michigan Medical, Ann Arbor, MI, University of South Carolina School of Medicine, Columbia, SC*

A Mechanism Underlying Induction of Procollagenase Synthesis by Calcium Antagonists

Tulsi Roy; Howard Doong, PhD; Shehan Dissanayake, PhD; Raphael C. Lee, MD, PhD; *From University of Chicago, Chicago, IL*

Correlation Between Lymphedema Disease Severity and Lymphoscintigraphic Findings

Reid A. Maclellan, MD; David Zurakowski, PhD; Frederick D. Grant, MD; Arin K. Greene, MD, FACS; *From Boston Children's Hospital / Harvard Medical School, Boston, MA*

SF28 | 2:30-4:00 pm

Colon and Rectal Surgery II

LOCATION: 6D

TRACK(S): CRS

MODERATOR: Jennifer S. Davids, MD, FACS, Worcester, MA

CO-MODERATOR: Fergal Fleming, MD, FRCS, Rochester, NY

Concordance of Final Histological Analysis and Preoperative MRI Rectum: Does it Impact Individualised Treatment Plans and Patient Outcomes in Rectal Cancer?

Ronan M. Waldron, MB, BCh, BAO; Michael E. Kelly; Brian M. Moloney, MB MCh; Michael Waldron; Myles R. Joyce; Peter A. McCarthy; Michael J. Kerin; *From Discipline of Surgery, Lambe Institute, NUI Galway, Galway, Ireland*

Disease-Specific Operative Experience Significantly Reduces Surgical Morbidity and Mortality for Patients with Ulcerative Colitis

Robert N. Goldstone, MD; Sahael M. Stapleton, MD; Richard A. Hodin, MD, FACS; Hiroko Kunitake, MD; David C. Chang, PhD; Liliana G. Bordeianou, MD, MPH, FACS, FAS-CRS; *From Massachusetts General Hospital, Boston, MA*

The Relationship Between Clavien-Dindo Morbidity Classification and Oncologic Outcomes after Colorectal Cancer Resection

Leonardo C. Duraes, MD, PhD; Luca Stocchi, MD, FACS; Scott R. Steele, MD; Matthew F. Kalady, MD, FACS; James M. Church, MD, FACS; Emre Gorgun, MD, FACS, FASCRS; David Liska, MD; Hermann P. Kessler, MD, PhD, FACS; Olga Lavryk, MD; Conor P. Delaney, MBBCh P; *From Cleveland Clinic Foundation, Cleveland, OH*

A BACH2 Gene Variant Is Associated With Postoperative Recurrence of Crohn's Disease

Michael Laffin, MD; Eytan Wine; Richard N. Fedorak; Bryan Dicken; Karen Madsen; *From University of Alberta, Edmonton, AB*

Alvimopan, Regardless of Ileus-Risk, Significantly Impacts Ileus, Length of Stay, and Readmission after Intestinal Surgery

Ahmed M. Al-Mazrou, MB, BS; Onur Baser; Pokala Ravi Kiran; *From NewYork-Presbyterian Hospital, Columbia University Medical Center, New York, NY*

Bevacizumab-IRDye800 is an Effective Alternative to Anti-CEA for Labeling Low CEA-Expressing Colorectal Tumors

Jonathan C. DeLong, MD; Thinzar M. Lwin, MD; Tasuku Kiyuna, MD; Takashi Murakami; Gooitzen M. van Dam, MD, PhD; Paul J. Yazaki, PhD; Bryan M. Clary, MD, FACS; Robert M. Hoffman, PhD; Michael Bouvet, MD, FACS; *From University of California, San Diego, AntiCancer, Inc., San Diego, CA*

Cutting the Edge: Fistulotomy Revisited for the Treatment of Transphincteric Anal Fistulas

Divya Verma; Jeremy Sugrue, MD; Christina V. Warner, MD; Sany Thomas, MBBCh; Johan Nordenstam, MD, PhD; Anders F. Mellgren, MD, FACS; Vivek Chaudhry, MB,BS, FACS; *From University of Illinois at Chicago, Chicago, IL*

Lymph Node Yield and Its Impact on Survival after Neoadjuvant Chemoradiation for Locally Advanced Rectal Adenocarcinoma

Sumana Narayanan, MD; Emmanuel Gabriel, MD, PhD; Kristopher Attwood, PhD; Steven J. Nurkin, MD, FACS; *From Roswell Park Cancer Institute, Buffalo, NY*

SF29 | 2:30-4:00 pm**Critical Care Surgery/Trauma I**

LOCATION: 1AB

TRACK(S): TRA, GEN

MODERATOR: Charles H. Cook, MD, FACS, *Columbus, OH***Time to Trach: Early Tracheostomy May Decrease the Duration of Extracorporeal Membrane Oxygenation Support in Patients with Acute Respiratory Distress Syndrome**

Francesca M. Boulos, MD; Maxwell Raithel; Francis Brigante; Chetan Pasrija; Aakash Shah; Kristen M. Mackowick; Jay Menaker, MD; Michael Mazzeffi, MD; Bradley Taylor, MD; Zachary N. Kon, MD; *From University of Maryland, Baltimore, MD*

Burn-Induced Endothelial Dysfunction is Ameliorated by Administration of Plasma

Mariana V. Cruz, MD; Bonnie C. Carney; Jason Chen, MD; Lauren T. Moffatt, PhD; Jeffrey W. Shupp, MD; *From MedStar Health Research, MedStar Georgetown University Hospital, MedStar Washington Hospital Center, Washington, DC*

Increased Cytokine mRNA Stability by Toll-Like Receptor (TLR) Ligands

Bedabrata Sarkar, MD, PhD, FACS; Jun-Yuan Huang, PhD; Alex Rothkrug; Michael Ghio; Tejal S. Brahmbhatt, MD; George Kasotakis, MD, MPH; Chaitan K. Narsule, MD, FACS; *From Boston University School of Medicine, Boston, MA*

Unsupervised Machine Learning Analysis of Urinary Transcriptome Reveals Distinct Genotypic Clustering in Surgical Sepsis

Nicholas Lysak, MD; Ashkan Ebadi, PhD; Sabyasachi Bandyopadhyay; Tezcan Ozrazgat-Baslant, PhD; Larysa Sautina; Maria-Cecilia Lopez, PhD; Henry V. Baker, PhD; Mark S. Segal, MD, PhD; Azra Bihorac, MD; *From University of Florida, Gainesville, FL*

Statin Therapy: An Independent Predictor of Survival after Traumatic Brain Injury

Adil Lokhandwala, MD; Muhammad Khan, MD; Terence O'Keeffe, MB, ChB, FACS; Faisal Jehan, MD; Narong Kulvatunyou, MD, FACS; Arpana Jain, MD; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ*

Valproic Acid Treatment Rapidly Modulates the Proteomic Profile in a Porcine Model of Hemorrhagic Shock and Traumatic Brain Injury

Michael B. Weykamp; Vahagn C. Nikolian, MD; Isabel S. Dennahy, MD; Patrick E. Georgoff, MD; Gerry A. Higgins, MD, PhD; Panpan Chang, MD. Mohamed H. Ghandour; None, Celia Tafatia; Hassan Eidy; Hasan B. Alam, MB, BS, FACS; *From University of Michigan, Ann Arbor, MI*

Does the LRINEC Score Have Utility in Immunocompromised Patients with Necrotizing Soft-Tissue Infection?

Manuel Castillo-Angeles, MD, MPH; Ramsis Ramsis; Nathan Blecker, MD; Monica G. Valero, MD; Emily Z. Keung, MD; Rene Borscheid, MD; Stephanie L. Nitzschke, MD, FACS; Marc DeMoya, ; Ali Salim, MD, FACS; Reza Askari, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

Mindless Scanning: Does Every Trauma Patient Need a Head CT?

Ryan Lindborg, MD; Amani Jambhekar, MD; Isaac Freedman, MPH; Bashar H. Fahoum, MD, FACS; James Rucinski, MD. *From New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY*

The Impact of Enoxaparin Admission in Relationship to Hemorrhage in Mild Traumatic Brain Injury

Teena Dhir, MD; Pak S. Leung, MD; Mark Kaplan, MD. *From Albert Einstein Medical Center, Philadelphia, PA*

Does Advanced Training in Surgical Critical Care Improve Outcomes in Emergency General Surgery Patients Undergoing Colorectal Surgery?

Morgan Sellers, MD; Catherine E. Sharoky, MD; Luke J. Keele, PhD; Chris Wirtalla; Daniel N. Holena, MD, FACS; Rachel R. Kelz, MD, FACS. *From University of Pennsylvania, Philadelphia, PA*

SF30 | 2:30-4:00 pm**e-Poster Rounds IV**

LOCATION: 6A

TRACK(S): CTS, GEN, PED

e-Posters are listed by category in the Scientific Forum e-Poster section on page 161

SF31 | 2:30-4:00 pm**Health Services Research III**

LOCATION: 10

TRACK(S): HP, EDU

MODERATOR: Elliott R. Haut, MD, PhD, FACS, *Baltimore, MD*CO-MODERATOR: Jonah J. Stulberg, MD, PhD, MPH, *Chicago, IL***Unmet Need for Genetic Testing in Individuals with a Personal History of Breast or Ovarian Cancer**

Christopher Childers, MD; Kimberly Childers; James Macinko, PhD; Melinda A. Maggard Gibbons, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA*

A Comparison of Costs and Complications of Laparoscopic Cholecystectomy with and Without Intraoperative Cholangiography

Evan Ross, MD; Nina Leung, PhD; Pedro Teixeira, MD; Thomas B. Coopwood, Jr., MD; *From Dell Medical School at the University of Texas, Austin, TX*

Bundled Payments for Appendectomy: A Model of Financial Implications to Institutions

Udai S. Sibia, MD; Justin Turcotte, MBA; Brooke M. Buckley, MD, FACS; *From Anne Arundel Medical Center, Annapolis, MD*

Comparative Analysis of Physician Reimbursement for Open and Laparoscopic Colorectal Surgery: Is Reimbursement Aligned with Effort?

Deborah S. Keller, MD; Alyssa Mercadel; Jessie Ho; Warren E. Lichliter, MD; *From Baylor University Medical Center, Texas A & M Health Sciences Center, Dallas, TX.*

Compliance with ACS NSQIP® Surgical Site Infection Bundle and the Occurrence of Postoperative Surgical Site Infections

Vic Velanovich, MD, FACS; Marbelly Davila, PhD; *From University of South Florida, Tampa General Hospital, Tampa, FL*

Cost-Effectiveness Analysis of Curative Therapies for Early Stage Hepatocellular Carcinoma (HCC) within Milan Criteria

Felipe A. Maegawa, MD, FACS; Samer S.A. Al Hadidi, MD; Julajak Limsrivilai, MD; Marvin Chum, MD; John B. Kettelle, MD; Taylor S. Riall, MD, FACS; *From Southern Arizona VA Health Care System, University of Arizona, Tucson, AZ, University of Michigan, Ann Arbor, MI*

Decreasing Peripherally Inserted Central Catheter-Related Upper Extremity Venothromboembolism Among Trauma Patients: A Process Improvement Project

Amy Stewart, MD; Rovi Origenes; Veronica Fernandez; Kenneth Schaffer; Firas Dabbous, PhD; Manoj R. Shah, MD, FACS; *From Advocate Lutheran General Hospital, Park Ridge, IL*

SF32 | 2:30-4:00 pm

Hepatobiliary and Pancreas II

LOCATION: 8

TRACK(S): GEN

MODERATORS:

Hong Jin Kim, MD, FACS, *Chapel Hill, NC*

David A. Kooby, MD, FACS, *Atlanta, GA*

Risk Factors and Mitigation Strategies for Pancreatic Fistula after Distal Pancreatectomy: Analysis of 2,026 Resections from the International, Multi-institution Distal Pancreatectomy Study Group

Brett Ecker, MD; Matthew T. McMillan; Charles M. Vollmer, MD; *The Distal Pancreatectomy Study Group; From University of Pennsylvania, Philadelphia, PA*

Pasireotide Does Not Prevent Postoperative Pancreatic Fistula: A Prospective Study

Irmina A. Elliott, MD; Amanda M. Dann, MD; Razmik Ghukasyan, MD; Lauren M. Damato; Hallie R. Chung, RN; Mark D. Girgis, MD; Jonathan C. King, MD; Howard A. Reber, MD, FACS; O. Joe Hines, MD, FACS; Timothy R. Donahue, MD, FACS; *From University of California, Los Angeles, Los Angeles, CA*

The Impact of Intraperitoneal Drain on Postoperative Morbidity after Pancreatic Resection: An American College of Surgeons (ACS) National Surgical Quality Improvement Program (NSQIP®) Analysis

Omar Picado, MD; Jessica R. Brosch; Gustavo A. Rubio, MD; Danny Yakoub, MD, PhD; Dido Franceschi, MD; Danny Sleeman, MD, FACS; Alan S. Livingstone, MD, FACS; Nipun B. Merchant, MD, FACS; Vikas Dudeja, MD; *From University of Miami, Miami, FL*

Risk Prediction for Pancreatic Fistula and Risk-Stratified Strategy for Prophylactic Intraabdominal Drainage after Whipple's Procedure

Yi Miao, MD, FACS; Qicong Zhu; Jie Yin, MD; Kai Zhang; Zipeng Lu; Cuncai Dai, MD, PhD; Junli Wu, MD, PhD; Wentao Gao; Kuirong Jiang, MB,BS, PhD, FACS; *From Pancreas Center, The First Affiliated Hospital of NMU, Nanjing, China*

Predictors of Index Hospitalization Costs Following Major Pancreatic Resection

Vicente Valero III, MD; Joshua C. Grimm, MD; James F. Griffin, Jr., MD; Jin He, MD, PhD; Martin A. Makary, MD, FACS; Lauren H. Nicholas, PhD; John L. Cameron, MD, FACS; Christopher L. Wolfgang, MD, FACS; Charles M. Vollmer Jr., MD, FACS; Matthew J. Weiss; *From Johns Hopkins University School of Medicine, Baltimore, MD, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA*

Adjuvant Therapy Is Associated with Improved Survival in Resected Perihilar Cholangiocarcinoma: A Propensity Matched Study

Ibrahim Nassour, MD; Ali Mokdad, MD; Matthew R. Porembka, MD; Michael A. Choti, MD, FACS; John C. Mansour, MD, FACS; Rebecca M. Minter, MD, FACS; Sam C. Wang, MD; Adam C. Yopp, MD, FACS; *From University of Texas Southwestern, Dallas, TX*

Perioperative Outcomes for the Emergent Whipple Operation in The U.S.: An Analysis of the American College of Surgeons National Surgical Quality Improvement Program

Tommy Ivanics, MD; Ilan Rubinfeld, MD, FACS; David S. Kwon, MD, FACS; *From Henry Ford Hospital, Detroit, MI*

Pylorus Preserving Versus Standard

Pancreaticoduodenectomy: Short- and Long-Term Comparative Outcomes from the National Cancer Database.

Ryan W. Day, MD; Yu-Hui H. Chang, PhD; Chee-Chee H. Stucky, MD; Richard J. Gray, MD, FACS; Nabil Wasif, MB, BS, MPH, FACS; *From Mayo Clinic Arizona, Phoenix, AZ*

Prognostic Nomogram for Resected Pancreatic Adenocarcinoma

Kuirong Jiang, MB, BS, PhD, FACS; Dong Xu; Kai Zhang; Zipeng Lu; Cuncai Dai, MD, PhD; Junli Wu, MD, PhD; Wentao Gao; Yi Miao, MD, FACS; *From Pancreas Center, The First Affiliated Hospital of NMU, Nanjing, China*

Liver Sarcomas in the Modern Era: A Plea for Surgery

Ioannis T. Konstantinidis, MD; Zeljka Jutric; Philip H.G. Ituarte, PhD; Susanne G. Warner; Laleh G. Melstrom, MD, FACS; Gagandeep Singh, MD; Yuman Fong, MD, FACS; *From City of Hope National Medical Center, Duarte, CA*

SF33 | 4:15-5:45 pm
General Surgery III

LOCATION: 20A

TRACK(S): GEN

MODERATOR: Samir S. Awad, MD, FACS, *Houston, TX***Outcome of Transvaginal NOTES (Natural Orifice Transluminal Endoscopic Surgery) Cholecystectomy - Data from the German NOTES Registry**Kai S. Lehmann, MD; Carsten Klinger; Dirk R. Bulian; Jens Burghardt; Carsten Zornig; Heinz J. Buhr, MD; *From Charite, Campus Benjamin Franklin, German Society for General and Visceral Surgery, Berlin, Germany***Sponsoring Surgeons: Influence of Robot Industry on Patient Care**Cory N. Criss, MD; Justin B. Dimick, MD, MPH, FACS; Samir K. Gadeballi, MD, MBA; *From University of Michigan, Ann Arbor, MI***10-Year Review of Robotic Surgery at an Academic Medical Center**Sarah B. Stringfield, MD; Lisa Parry; Samuel Eisenstein, MD; Santiago Horgan, MD, FACS; Christopher J. Kane, MD, FACS; Sonia L. Ramamoorthy, MD, FACS; *From University of California San Diego, San Diego, CA***Prognosis Factors in Patients With Neoadjuvant Therapy for Borderline Resectable Pancreatic Cancer: A Multi-Institutional Analysis**Yuichi Nagakawa, MD, FACS; Yuichi Hosokawa; Yatsuka Sahara; Chie Takishita; Takukazu Nagakawa; Akihiko Tsuchida; *From Tokyo Medical University, Tokyo, Japan, Kanazawa University, Kanazawa, Japan***Validating the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Surgical Risk Calculator in a Philippine American College of Surgeons-National Surgical Quality Improvement Program (ACS NSQIP®) Hospital Collaboration**Manuel Francisco T. Roxas, MD, FACS; Ernes John T. Castro, MD; *From The Medical City, Pasig, Philippines***Multimodal Peri-Procedural Instructions Impact on Patient Satisfaction: A Randomized Pilot Study**Maureen D. Moore, MD; Katherine D. Gray, MD; Suraj Panjwani, MB, BS; Cheguevara Afaneh, MD; Thomas J. Fahey III, MD; Rasa Zarnegar, MD, FACS; *From New York Presbyterian-Weill Cornell Medicine, New York, NY***Multiscale Modeling of Surgical Flow Explains Lognormal Distribution of Surgical Time and Occurrence of Large Delays**Marc Garbey, PhD; Juliette Rambourg; Guillaume Joerger; Brian J. Dunkin, MD; Barbara L. Bass, MD, FACS; *From Houston Methodist Hospital Research Institute, Houston, TX***The Impact of 3-D Laparoscopy on Precision, Technical Performance, and Workload**Shinichiro Sakata; Phillip Grove; Marcus Watson; Andrew Stevenson; *From School of Medicine, The University of Queensland, Brisbane, Brisbane, Australia***Postoperative Telephone Follow-Up is a Safe and Sustainable Way to Increase Access to General Surgical Care**Amelia W. Maiga, MD, MPH; Kristy Kummerow Broman, MD; Jesse P. Wright, MD; Nicholas H. Carter, MD; Christianne L. Roumie, MD, MPH; Robert S. Dittus, MD, MPH; Richard A. Pierce, MD, PhD, FACS; *From Tennessee Valley Healthcare System, Nashville, TN***SF34 | 4:15-5:45 pm**
Bariatric/Foregut II

LOCATION: 5AB

TRACK(S): BTR, GEN

MODERATORS:

Jacob A. Greenberg, MD, FACS, *Madison, WI*
Ali Tavakkoli, MB, FACS, FRCS, *Boston, MA***A PPAR Isoform Switch Links Partitioning of Adipose Lipid Metabolism after Bariatric Surgery**Scott Kizy, MD; Cyrus Jahansou, MD; Hongliang Xu, PhD; Daniel B. Leslie, MD, FACS; David A. Bernlohr, PhD; Sayeed Ikramuddin, MD, FACS; *From University of Minnesota, Minneapolis, MN***Comparison of Sleeve Gastrectomy and Roux-en-Y Gastric Bypass as a Conversion Bariatric Procedure after Adjustable Gastric Band: A Single-Institution Experience**Raul J. Rosenthal, MD, FACS, FASMBS; Alexandra Ferre, MD; Giulio Giambartolomei, MD; Rafael R. Vecchio, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; *From Cleveland Clinic Florida, Weston, FL***The Impact of Weight Loss in Improvement of Heart Geometry Following Bariatric Surgery**Raul J. Rosenthal, MD, FACS, FASMBS; Rajmohan Rammo-han, MD; Nisha Dhanabalsamy; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; *From Cleveland Clinic Florida, Weston, FL***Gastroesophageal Reflux Disease after Per Oral Endoscopic Myotomy for Achalasia: One-Year Objective Postoperative Outcomes**Ashwin A. Kurian, MB, BS; Anh Tuan N. Pham, MPH; Carolyn A. Dougherty; *From Denver Esophageal and Stomach Center, Denver, CO***The Impact of Laparoscopic Anti-Reflux Surgery on Quality of Life: Do Patients with Atypical Symptoms Benefit?**Adam S. Weltz, MD; Hamid R. Zahiri, MD; Udai S. Sibia, MD, MBA; Macey Yates; Nan Wu, MD; Adrian E. Park, MD, FACS, FCS(ERCS), FRCSC; *From Anne Arundel Medical Center, Annapolis, MD*

Farnesoid X Receptor Deficiency Protects Against Diet-Induced Adiposity after Sleeve Gastrectomy

Monica D. Chow, MD; Andrew M. Wassef, PhD; Bo Kong, PhD; Jianliang Shen; Laura E. Armstrong, PhD; Justin D. Schumacher; Daniel Rizzolo; Ragui W. Sadek, MD, FACS, SOEMBS; Grace L. Guo, MB, BS, PhD; Yi-Horng Lee, MD; *From Ernest Mario School of Pharmacy, Rutgers University, Piscataway, NJ, Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ*

Laparoscopic Roux-en-Y Gastric Bypass Without Opioids: Is It Possible? Effect of Restricted Opioid Usage on an Established 1-Day Fast-Track Protocol for Laparoscopic Roux-en-Y Gastric Bypass

Ioannis Raftopoulos, MD, FACS; Elana Davidson; *From Holyoke Medical Center, Holyoke, CT*

The Impact of Enhanced Recovery After Surgery (ERAS) Program on Short-Term Outcomes after Bariatric Surgery

Iman Ghaderi, MD, MSc, FACS, FRCSC; Nisha Dhanabal-samy, MB, BS; Carlos A. Galvani, MD; *From University of Arizona, Tucson, AZ*

Effects of Resident or Fellow Participation in Sleeve Gastrectomy and Gastric Bypass: Results from the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)

Marko Martinovski, MD; Abby L. Navratil, MD; Tallal Zeni, MD; Mark Jonker, MD; Jane Ferraro; Jeremy Albright; Robert K. Cleary, MD, FACS; *From St. Joseph Mercy Hospital Ann Arbor, Ypsilanti, MI*

New Closure Suture Technique to Prevent Petersen's Space Internal Hernia after Gastric Bypass

Almino Ramos, MD; Eduardo L.S. Bastos; Manoel P. Galvao; Manoela G. Ramos; Josemberg M. Campos; *From Gastro Obeso Center Institute, Sao Paulo, Brazil*

SF35 | 4:15-5:45 pm

Pediatric Surgery II

LOCATION: 6D

TRACK(S): PED

MODERATORS:

David W. Bliss, MD, FACS, *Los Angeles, CA*

Jose M. Prince, MD, FACS, *New Hyde Park, NY*

Enhanced Recovery After Surgery (ERAS) Pathway for Pediatric Surgery: Initial Experience

Ira L. Leeds, MD; Mitchell R. Ladd, MD, PhD; Melissa L. Fannon; Emily F. Boss, MD, FACS; Jessica George, MD; Eric B. Jelin, MD; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Ultrasound Has Limited Utility in the Surgical Management of Geographically-Clustered Pediatric MRSA Infections

Akila Ramaraj; Jennifer Lighter-Fisher, MD; Bo Shopsin, MD, PhD; Anna Stachel, MPH; Rebecca E. Rosenberg, MD; Arun Chopra, MD; Keith A. Kuenzler, MD, FACS; Sandra S. Tomita, MD; Howard B. Ginsburg, MD; Jason C. Fisher, MD; *From New York University Langone Medical Center, New York, NY*

Faculty and Provider Perceptions vs. Outcomes Regarding a Newly Introduced Single-Incision Pediatric Endoscopic Surgery (SIPEs) Program at a Quaternary Institution

Bradley Wallace, MD; Raphael N. Vuille-dit-Bille, MD, PhD; Christina R. Farid; Ahmed I. Marwan, MD; *From Children's Hospital Colorado, Aurora, CO*

Preoperative Blood Transfusions in Neonates Are Associated With Increased Postoperative Morbidity and Mortality

Katerina Dukleska, MD; Charles D. Vinocur, MD; Daniel Dirnberger, MD; Loren Berman, MD; *From Thomas Jefferson University Hospitals, Philadelphia, PA, Nemours - Alfred I. duPont Hospital for Children, Wilmington, DE*

Quantifying and Predicting Benefit from Pediatric Sacral Nerve Stimulation for Severe Constipation and Fecal Incontinence

Benjamin Carr, MD; Meredith Barrett, MD; Laurie Wild; Peter F. Ehrlich, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Splenic Injury Grade Does Not Predict Need for Intervention in Children

Regan F. Williams, MD, FACS; Ankush Gosain, MD, PhD, FACS; Elizabeth Tolley, PhD; Martin A. Croce, MD, FACS; *From University of Tennessee Health Science Center, Memphis, TN*

The Effect of Formal Pediatric Subspecialization on Surgical Outcomes in Children's Surgery

Katherine J. Baxter, MD; Alexandra C. Aiello; Mehul V. Raval, MD; *From Children's Healthcare of Atlanta, Emory University, Atlanta, GA*

Malnutrition Increases the Risk of 30-Day Complications after Surgery in Pediatric Patients with Crohn's Disease

Mitchell R. Ladd, MD; Courtney Haney; Maria M. Oliva-Hemker, MD; Emily F. Boss, MD, FACS; Alejandro V. Garcia, MD; Daniel S. Rhee, MD, MPH; *From Johns Hopkins Hospital, Baltimore, MD*

Age is Just a Number: Disease Severity and Prematurity Increase the Risk of Surgical Site Infection in Children Undergoing Gastrointestinal Surgery

Marisa Bartz-Kurycki, MD; Kathryn T. Anderson, MD, MPH; KuoJen Tsao, MD, FACS; *From McGovern Medical School, Houston, TX*

Predicting Pathology from Imaging in Children Undergoing Resection of Congenital Pulmonary Malformations

Raja R. Narayan, MD, MPH; Natasha Abadilla; Daniel R. Greenberg; Matias Bruzoni, MD, FACS; *From Stanford University, Stanford, CA*

SF36 | 4:15-5:45 pm**Transplantation and Tissue Engineering I**

LOCATION: 32AB

TRACK(S): BTR, GEN

MODERATORS:

Dev M. Desai, MD, FACS, *Dallas, TX*Marc L. Melcher, MD, FACS, *Palo Alto, CA***Remote Ischemic Preconditioning in Neurological Death Organ Donors (RIPNOD) May Improve Heart Graft Survival: Post-Hoc Results from the RIPNOD Trial**

Advaita Bongu, MD; Joseph B. Oliver, MD; Jacob Schwartzman, MD; Sri Ram Pentakota, MD, MPH, PhD; Amy L. Davidow, PhD; George Dikdan, PhD; William K. Washburn, MD, FACS; Joseph Nespral, MD; Carie Kadric; Baburao Koneru, MD, MPH; *From Rutgers University, Newark, NJ, University of Texas, San Antonio, TX*

Pre-emptive Factor VII Reduces Transfusion Requirements during Orthotopic Liver Transplantation for Patients with MELD \geq 40

Rachel Hogen; Joseph Dinorcia, MD; Brian Nguyen, MD; Jonson Yee, MD; Damon Clark; Aaron M. Strumwasser, MD; Kiran Dhanireddy, MD; *From University of Southern California, Los Angeles, CA*

Epigenetic Analysis of Scar Forming Fibroblasts Reveals Key Differences in Genes Associated with Fibrosis

Alessandra L. Moore, MD; Clement D. Marshall, MD; Ulrike Litzenburger, PhD; Leandra Barnes; Ryan Chase Ransom; Michael Hu, MD; Tripp Leavitt; Howard Y. Chang; Michael T. Longaker, MD, MBA, FACS; *From Stanford University, Stanford, CA*

Effects of Polyethylene Glycol 20,000 on the Management of Brain Dead Organ Donors in a Canine Model

Niluka Wickramaratne, MD; Loren Liebrecht, MD; Heather Reichstetter; Ria Fyffe-Freil; Charles Blocher; Michel B. Aboutanos, MD, MPH, FACS; Martin Mangino, PhD; *From Virginia Commonwealth University, Richmond, VA*

Evaluation of a System for Normothermic and Subnormothermic Machine Perfusion of the Rat Liver

Nathanael Raschzok, MD; Joseph Gassner; Maximilian Noesser; Lara Wegener; Simon Moosburner; Ruza Arsenic; Johann Pratschke, MD, PhD, FACS; Igor M. Sauer, MD; *From Charite – Universitaetsmedizin Berlin, Berlin, Germany*

Ex-Vivo Hyperbaric Normothermic Perfusion for Up to 14 Hours Mitigates Reperfusion Injury in Porcine Vascular Composite Allotransplantation

Kevin Y. Wu, MD; Sharon D. Lawson, MD; Lin C. Wang, MD; Samuel Tahk, MD; Nicholas L. Robbins, DO; Matthew Wordsworth, BM BCh; Bijaya Parida, PhD; George E. Wolf, MD; Michael R. Davis, MD, FACS; *From 59th Medical Dental Wing, Science and Technology, San Antonio, TX*

The Regional Organ Procurement Collaboration Model Revisited: Influence of the Procurement Surgeon on Transplanted Abdominal Organ Outcomes

Oscar K. Serrano, MD; David Vock, PhD; Raja Kandaswamy, MB, BS, FACS; Timothy L. Pruett, MD, FACS; Arthur J. Matas, MD, FACS; Erik Finger, MD, PhD; *From University of Minnesota, Minneapolis, MN*

Race and Insurance Status Influence the Survival of Children and Adolescents Undergoing Liver Transplantation In the U.S.

Mary T. Austin, MD, FACS; Julius Balogh, MD; Emma C. Hamilton, MD; Duc T.M. Nguyen, MD, PhD; Edward A. Graviss, PhD, MPH; John S. Bynon, Jr., MD, FACS; *From The University of Texas McGovern Medical School, Houston Methodist Hospital, Houston, TX*

Outcomes from Acute Care Surgery Consultation in Bone Marrow Transplant Patients

Manuel Castillo-Angeles, MD, MPH; Melissa Coleman, MD; Natasha Coleman, MD; Philippe Armand, MD, PhD; Peter G. Bendix, MD, MPH; Ali Salim, MD, FACS; Reza Askari, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

Utilizing a Mobile Phone Application to Decrease Variability in Tacrolimus Concentrations Following Renal Transplantation

Krystina N. Choinski; Julia S. Torabi; Alana Zanetti – Yabur, MD; Alesa Courson; Amanda Rizzo; Thomas E. Butler, MD; Juan P. Rocca, MD, FACS; Jay A. Graham, MD, FACS; *From Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY*

Wednesday, October 25**SF37** | 8:00-9:30 am**Neurological Surgery**

LOCATION: 3

TRACK(S): NEU

MODERATOR: George E. Vates, MD, FACS, *Rochester, NY***First-in-Human Intraoperative Near-Infrared Fluorescence Imaging of Glioblastoma Using Cetuximab-IRDye800: Results from a Pilot Study**

Sarah E. Miller; Willemieke S. Tummers, MD; Nutte (Tarn) Teraphongphom, PhD; Alifia J. Hasan, MBA; Robert D. Ertsey; Griffith R. Harsh, IV, MD, FACS; Edward D. Plowey, MD; Gerald A. Grant, MD, FACS; Gordon H. Li, MD; Eben L. Rosenthal, MD, FACS; *From Stanford University School of Medicine, Stanford, CA*

Links Between 3-D Sagittal Balance Parameters and Clinical Inferences after Short Segment Spinal Fusion

Rami Y. Alquroum, MD; *From Klinikum Dortmund, Dortmund, Germany*

Minimizing Postoperative Wound Morbidity in Patients with Neoplastic Disease Involving the Spine

Philipp Franck, MD; Jaime L. Bernstein; Leslie E. Cohen, MD; Roger Härtl, MD; Ali A. Baaj, MD; Jason A. Spector, MD, FACS; *From Weill Cornell Medical College/ NewYork-Presbyterian, New York, NY*

Preoperative Frailty Score Predicts 30-Day Morbidity and Mortality Following Cranial Neurosurgery

Samuel B. Tomlinson; Alexis E. Zavez; Keaton Pipe; Kristopher T. Kimmell, MD; G. Edward Vates, MD, FACS; *From University of Rochester Medical Center, Rochester, NY*

FTY720 Decreases Tumorigenesis in Group 3 Patient-Derived Medulloblastoma Xenografts



Evan F. Garner, MD; Laura L. Stafman, MD; Jamie Aye, MD; Jerry Stewart; Gregory K. Friedman, MD; Blake P. Moore; Elizabeth A. Beierle, MD, FACS; *From University of Alabama-Birmingham, Birmingham, AL*

Valproic Acid Treatment Alters the Cerebral Metabolomic Profile in a Traumatic Brain Injury Model

Isabel S. Dennahy, MD; Vahagn C. Nikolian, MD; Michael Weykamp; Gerald Higgins, MD, PhD; Kiril Chtraklin; Pan-pan Chang, MD; Hassan Eidy; Mohamed H. Ghandour; Celia Tafatia; Hasan B. Alam, MB, BS, FACS; *From The University of Michigan, Ann Arbor, MI*

Moderate to Severe Cervical Stenosis on Computerized Tomography (CT) Should Prompt Early Magnetic Resonance Imaging in Obtunded Blunt Trauma Patients

John Koerner, MD; Jyoti Sharma, MD; Melissa Blatt; Tania Zielonka; Sanjeev Kaul, MD; *From Hackensack University Medical Center, Hackensack, NJ*

Trends in Hospitalizations and Costs Associated with Low Back Pain in the U.S.: A Growing Burden

Anthony O. Asemota, MD, MPH; Sterling R. Haring, DO; Eric B. Schneider, PhD; *From Johns Hopkins University, Baltimore, MD*

Unplanned Return to the Operating Room in the Neurosurgical Population: What Drives this Dreaded Event?

Pridvi Kandagatla, MD; Mohamed Macki, MD; Arielle Hodari-Gupta, MD; Ilan Rubinfeld, MD, FACS; *From Henry Ford Hospital, Detroit, MI*

Isolated Severe Blunt Head Trauma: Effect of Obesity on Outcomes

Jennifer T. Cone, MD; Daniel B. Alfson, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Lydia Lam, MD; Kenji Inaba, MD, FACS, FRCSC; Demetrios Demetriades, MD, PhD, FACS; *From Los Angeles County + University of Southern California, Los Angeles, CA*

SF38 | 8:00-9:30 am Pediatric Surgery III

LOCATION: 32AB

TRACK(S): PED

MODERATORS:

Erika Adams Newman, MD, FACS, *Ann Arbor, MI*
Joel Shilyansky, MD, FACS, *Iowa City, IA*

Real-Time Application of a Computational Algorithm Using Trend Analysis of Abdominal NIRS Predicts the Onset of Necrotizing Enterocolitis in a Randomized Control Trial

Stephanie M. Cruz, MD; Patricio E. Lau, MD; Barbara Stoll, PhD; Jason L. Robinson, PhD; Ling Yu, PhD; Thomas Lu; Doug Burrin, PhD; Oluyinka O. Olutoye, MD, PhD; *From Baylor College of Medicine, Texas Children's Hospital, Houston, TX*

Ex-Vivo Gene Therapy in a Pig Model of Metabolic Liver Disease: Intraportal Infusion of Spheroid Hepatocytes is a Viable Alternative to Single-Cell Transplantation

Clara T. Nicolas, MD; Raymond D. Hickey, PhD; Kari L. Allen; Zeji Du, PhD; Rebekah M. Guthman; Bruce Amiot; Aditya Bansal, PhD; Timothy R. DeGrado, PhD; Scott L. Nyberg, MD, FACS; Joseph B. Lillegard, MD, PhD; *From Mayo Clinic, Rochester, MN*

Effective Reduction of Metastasis and Improved Survival by Combining Activated Natural Killer Cells and Anti-GD2 Antibody in Chemo-Resistant Neuroblastoma

Wesley Barry, MD; Jeremy R. Jackson, MD; Grace E. Asuelime; Zesheng Wan; Hong-wei Wu, MD; Jianping Sun, MD; Larry Wang, MD; Robert C. Seeger, MD; Eugene S. Kim, MD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA*

Hydrogen Sulfide Protects the Intestine in a Murine Model of Necrotizing Enterocolitis

Natalie A. Drucker, MD; Amanda Jensen, MD; Sina Khaneki, MD; Michael Ferkowicz, PhD; Troy A. Markel, MD, FACS; *From Indiana University School of Medicine, Indianapolis, IN*

The Protective Role of TGF- β 1 Administration in Neonatal Sepsis

Alexandra C. Bolognese, MD; Weng-Lang Yang, PhD; Jeffrey M. Nicastro, MD; Gene F. Coppa, MD, FACS; Wang Ping, MD; *From Elmezzzi Graduate School of Molecular Medicine, Hofstra Northwell School of Medicine, The Feinstein Institute for Medical Research, Manhasset, NY*

A Novel Approach to Calculating Small Intestine Length Based on Magnetic Resonance Enterography

Nicole A. Wilson, MD, PhD; Hyung-Soon Park, PhD; Kyoung Soub Lee; Lauren K. Barron, MD; Brad W. Warner, MD, FACS; *From Washington University School of Medicine, St. Louis, MO, Korea Advanced Institute of Science & Technology, Daejeon South Korea, St. Louis Children's Hospital, St. Louis, MO*

Intravenous Arginine and Citrulline Supplementation Increases Rate of Nitric Oxide Formation, Near-Infrared Spectroscopy Values and Decreases the Incidence of NEC in a Premature Piglet Model

Patricio E. Lau, MD; Stephanie M. Cruz, MD; Jason L. Robinson, PhD; Candace C. Style, MD; Barbara Stoll, PhD; Ling Yu, PhD; Doug Burrin, PhD; Oluyinka O. Olutoye, MD, PhD; *From Texas Children's Hospital, Baylor College of Medicine, Houston, TX*

A New Role for an Old Adversary: Biofilms for Protection against Experimental NEC

Jacob K. Olson, MD; Christopher J. McCulloh, MD; Jason B. Navarro; Lauren Mashburn-Warren, PhD; Steven D. Goodman, PhD; Gail E. Besner, MD, FACS; *From Nationwide Children's Hospital, Columbus, OH*

Increased YAP—A Key Component of the Hippo Pathway Is Detected in Peak Proliferation During Intestinal Adaptation

Mubina A. Isani, MD; Kathy A. Schall, MD; Christopher R. Schlieve, MD; Kathryn L. Fowler; Xiaogang Hou, PhD; Tracy C. Grikscheit, MD, FACS; *From Children's Hospital of Los Angeles, Los Angeles, CA*

Isoxazole-Based Small Molecule Induces Apoptosis and Sensitizes Ewing Sarcoma Cells to TRAIL

Eric J. Rellinger, MD; Chandrasekhar Padmanabhan, MD; Jingbo Qiao, PhD; Hanbing An, PhD; Alex G. Waterson, PhD; Craig W. Lindsley, PhD; R. Daniel Beauchamp, MD, FACS; Dai H. Chung, MD FACS; *From Vanderbilt University, Nashville, TN*

SF39 | 8:00-9:30 am Surgical Education III

LOCATION: 6B

TRACK(S): EDU

MODERATORS:

Paul W. Nelson, MD, FACS, *Indianapolis, IN*
Nell Maloney-Patel, MD, FACS, *New Brunswick, NJ*

Team Competition Impacts ABSITE Scores in General Surgery Residents



Kaitlin Ritter, MD; Charlotte Horne, MD; Ahmed Nassar, MD; Judith C. French, PhD; Michael J. Rosen, MD, FACS; R. Matthew Walsh, MD; Ajita S. Prabhu, MD, FACS; Jeremy M. Lipman, MD, FACS; *From Cleveland Clinic Foundation, Cleveland, OH*

High-Fidelity Mock Oral Examinations Improve Oral Board Passage Rates

Sarah A. Moore, MD; Amit R.T. Joshi, MD, FACS; Susanna M. Nazarian, MD; Christopher M. Pezzi, MD, FACS; Jeffrey Kolff, MD, FACS; Niels D. Martin, MD, FACS, FCCM; *From University of Pennsylvania Perleman School of Medicine, Albert Einstein College of Medicine, Philadelphia, PA, Baptist MD Anderson Cancer Center, Jacksonville, FL*

The Effect of Question Bank Usage on Performance on the American Board of Surgery In-Training Examination in General Surgery Residents

Juliet J. Ray, MD; Jonathan P. Meizoso, MD; Davis B. Horan, MD; Charles A. Karcutskie, MD; Krishnamurti A. Rao, MD; L. Renee Hilton, MD; Benjamin M. Brasseur, MD; Danny Sleeman, MD, FACS; Carl I. Schulman, MD, FACS; *From University of Miami, Jackson Memorial Hospital, Miami, FL*

Evaluating the Impact of Blinded vs. Non-Blinded Interviews on the General Surgery Resident Selection Process

Edward S. Shipper, III, MD; Joseph Forrester, MD; James N. Lau, MD, FACS; Marc L. Melcher, MD, PhD; *From Stanford University, Stanford, CA*

Novel Surgery Resident Education Management Platform Improves Case Logging

Ruchi Thanawala, MD; Jonathan L. Jesneck, PhD; Gladys L. Fernandez, MD; Ross E. Willis, PhD; Neal E. Seymour, MD, FACS; *From Baystate Medical Center, Springfield, MA*

The Myth of the Surgical Personality: Motivation and Attrition from Surgical Training

Matthew Symer, MD; Jonathan S. Abelson, MD; Heather Yeo, MD; M. Zachary Rosenthal, PhD; Julie A. Sosa, MD, FACS; *From Weill Cornell Medicine, New York, NY, Duke University, Durham, NC*

Making the Best Residency Program: Incorporating a Business Model of Improvement to General Surgery Residency

Saeed Tarabichi, MD; Rachel NeMoyer, MD; Christina Cheng; Eyone Jones; Dena Arumugam; Michelle F. DeLeon, MD; Kristen Donohue, MD; Siavash Saadat, MD; Vincent D. Joseph; Nell Maloney Patel, MD; *From Rutgers Robert Wood Johnson University, New Brunswick, NJ*

The Impact of Peer-Led Mock Practicals

John Hurley; Terri N. Edwards; Francis Jefferson; Kelly Harrell, PhD; Carl E. Haisch, MD, FACS; *From Brody School of Medicine, Greenville, NC*

The PGY3 Effect—A Pivotal Year of Steepest Growth in Surgical Residency

Gurjit Sandhu, PhD; Julie Thompson-Burdine; Danielle C. Sutzko, MD; Vahagn C. Nikolian, MD; Kaustubh Prabhu; Rebecca M. Minter, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Mandatory Participation in a Wellness Program: The General Surgery Resident's Perspective

Alissa Greenbaum, MD; Elizabeth Lawrence, MD; Edward D. Auyang, MD, FACS; John C. Russell, MD, FACS; Jasmeet S. Paul, MD, FACS; *From University of New Mexico Health Sciences Center, Albuquerque, NM*

SF40 | 8:00-9:30 am Surgical Oncology II

LOCATION: 30B-E

TRACK(S): ONC

MODERATORS:

Gregory D. Kennedy, MD, PhD, FACS, *Madison, WI*
Anthony Dong Eun Yang, MD, FACS, *Chicago, IL*

Gastric Ischemic Preconditioning Prior to Esophagectomy Is Associated with Decreased Strictures and Overall Complications

Steve Siegal, MD; Abhisek D. Parmar, MD; Brandon H. Tieu, MD, FACS; Paul H. Schipper, MD, FACS; John G. Hunter, MD, FACS; James P. Dolan, MD, FACS; *From Oregon Health & Science University, Portland, OR*

Influence of Body Composition Profile on Surgical Outcomes Following Esophageal Cancer Surgery

Yasuhiko Mohri, MD, PhD, FACS; Takashi Ichikawa, MD; Masaki Ohi, PhD; Hiromi Yasuda, MD; Shigeyuki Yoshida; Hiroki Imaoka, MD, PhD; Yuji Toiyama, MD, PhD; Toshimitsu Araki, MD, PhD; Masato Kusunoki, MD, PhD; *From Mie University, Tsu, Japan*

Plasma Cytokine Soluble RANK Ligand Is Associated with Diabetes in Pancreatic Malignancies

Jeffery M. Chakedis, MD; Heather Lewis, MD; Priyani V. Rajasekera; Eliza W. Beal, MD; Carl R. Schmidt, MD, FACS; Andrei V. Manilchuk, MD, FACS; Tim M. Pawlik, MD, MPH, PhD, FACS; Erin Talbert, PhD; Denis Guttridge, PhD; Mary E. Dillhoff, MD, FACS; *From The Ohio State University Wexner Medical Center, Columbus, OH*

Racial Disparities in Cancer Outcomes are Not Explained by In-Hospital Surgical Mortality

John Bliton; John McAuliffe, MD, PhD; Peter Muscarella II, MD, FACS; Katia Papalezova, MD; Haejin In, MD, MBA, MPH; *From Montefiore Medical Center, Bronx, NY*

The Addition of Mitotic Rate to the 7th Edition AJCC Melanoma Staging Increases the Detection of Positive Sentinel Nodes: A National Cancer Database Study

Chelsea Isom, MD; Lee Wheless, MD, PhD; Mary A. Hooks, MD, FACS; Rondi Kauffmann, MD, MPH; *From Vanderbilt University Medical Center, Nashville, TN*

Correlation Between Clinical and Pathologic Staging in Colon Cancer: Implications for Neoadjuvant Treatment

Ahmed Dehal, MD; Amanda Graff-Baker, MD; Brooke Vuong, MD; David Y. Lee, MD; Anton J. Bilchik, MD, PhD; *From John Wayne Cancer Institute at Saint Johns Health Center, Santa Monica, CA*

Detection of Melanoma Metastases in Regional Lymph Nodes Using Multispectral Photoacoustic Imaging

Madalyn Neuwirth, MD; Andrew J. Sinnamon, MD; Susan Schultz; Chandra Seghal, MD; George Xu, MD; Giorgos C. Karakousis, MD, FACS; *From Hospital of the University of Pennsylvania, Philadelphia, PA*

Feasibility of Circulating Cell-Free Tumor DNA as a Biomarker in Head and Neck Squamous Cell Carcinoma

Matthew R. Egyud, MD; Stefanie S. Saunders, MD; Anand K. Devaiah, MD, FACS; Scharukh Jalisi, MD, FACS; Tony E. Godfrey, PhD; *From Boston Medical Center, Boston, MA*

KLF5 Is a Positive Regulator of Cell Proliferation in Gastric Cancer and Correlates With More Aggressive Disease

Dongjie Yang, MD; Wei Chen; Changhua Zhang; Xun Hou; Liang Wang; Jianjun Peng; Wenqing Dong; Shirong Cai; Hui Wu; Yulong He; *From First Affiliated Hospital, Sun Yat-sen University, Guangzhou, China*

Molecular Targeting of HDM-2 Oncoprotein in Human Stem-Like Colonic Epithelium-Derived Progenitor and Stem-Like Colon Cancer Cells

William F. Morano, MD; Mohammad F. Shaikh, MD; Patrice Love; Rebecca M. Platoff; Michaela N. Simoncini, MD; Elizabeth M. Gleeson, MD, MPH; Jerry Shay, PhD; Matthew R. Pincus, MD, PhD; Wilbur B. Bowne, MD, FACS; *From Drexel University College of Medicine, Philadelphia, PA*

SF41 | 8:00-9:30 am

Thoracic Surgery I

LOCATION: 9

TRACK(S): CTS

MODERATOR: John D. Mitchell, MD, FACS, *Aurora, CO*

Oncological Outcome of Minimally Invasive Esophagectomy with Intrathoracic Esophagogastrostomy for Middle/Lower Esophageal Cancer

Shigeru Tsunoda, MD, FACS; Hiroshi Okabe, MD, FACS; Eiji Tanaka, MD, PhD; Shigeo Hisamori, MD; Kazutaka Obama, MD; Yoshiharu Sakai, MD, FACS; *From Kyoto University, Kyoto, Japan*

Phase II Evaluation of an Allogeneic Tumor Cell Lysate Vaccine with or without Metronomic Oral Cyclophosphamide and Celecoxib in Patients with Thoracic Malignancies

David S. Schrupp, MD, MBA; Mary Zhang; Julie Hong; Javier Yeray, PhD; Min-Jung Lee, PhD; Akira Yuno, PhD; Sacha Gnjjatic, PhD; Sunmin Lee, PhD; Jane B. Trepel; *From National Cancer Institute, Bethesda, MD, Icahn School of Medicine at Mount Sinai, New York, NY*

Naturally-Occurring IgG Antibodies for the Treatment of Malignant Pleural Mesothelioma

Hee-Jin Jang, MD; Hyun-Sung Lee, MD, PhD; Yanlna Dong; Jignesh Patel; David J. Sugarbaker, MD, FACS; Bryan M. Burt, MD, FACS; *From Baylor College of Medicine, Houston, TX*

Repair, Resect, or Reconstruct: Fate of the Perforated Esophagus

Andrew Tang, MD; Hafiz Umair Siddiqui, MD; Hari B. Kesava, MD; Josh Landreneau, MD; Siva Raja; Sudish C. Murthy, MD, FACS; Usman Ahmad, MD; *From Cleveland Clinic Foundation, Cleveland, OH*

Contemporary Outcomes of Surgical Management of Complicated Thoracic Infections

Ian C. Bostock, MD; Joseph D. Phillips, MD; Timothy M. Millington, MD; David J. Finley, MD; *From Dartmouth Hitchcock Medical Center, Lebanon, NH*

Synergistic Anti-Cancer Effect of Baicalein and Metformin Against Human Lung Cancer

Ioannis T. Konstantinidis, MD; Wei Wen; Quanhua Xing; Jin Yan; Kara M. Shin; Jae Y. Kim, MD; Dan J. Raz, MD; Ravi Salgia, MD; John H. Yim, MD, FACS; *From City of Hope National Medical Center, Duarte, CA*

A Novel Triblock Copolymer Hydrogel Foam Delivery System to Improve Talc Pleurodesis Efficacy

Glenn W. Laub, MD, FACS; Richard B. Huneke, MPH; J. Yasha Kresh, PhD; Colin J. Kanach, MD; Emily S. Remold; Joseph M. Salvino, PhD; *From Drexel University College of Medicine, Philadelphia, PA*

Association Between Surgical Outcomes and High Postoperative Serum Glucose after Lobectomy

Carlos E. Bravo-Iniguez, MD; Khaled Hammouda, MD; Gita N. Mody, MD; Zhicheng He, MD; Nitya Yelamanchili; Abby White, DO; Michael T. Jaklitsch, MD, FACS; Daniel C. Wiener, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

SF42 | 9:45-11:15 am
e-Poster Rounds V

LOCATION: 6A

TRACK(S): CRS, OBG, TRA

e-Posters are listed by category in the Scientific Forum e-Poster section on page 165

SF43 | 9:45-11:15 am
General Surgery IV

LOCATION: 6B

TRACK(S): GEN

MODERATOR: Jyotirmay Sharma, MD, FACS, Atlanta, GA

Stromal Derived Factor-1 α (SDF-1 α) Induces Angiogenesis and Enhances Diabetic Wound Healing Via the miR-15b/VEGF- α /BCL2 pathwayCarlos Zgheib, PhD; Junwang Xu, PhD; Maggie M. Hodges, MD, MPH; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS, FAAP; *From University of Colorado Denver - Anschutz Medical Campus, Aurora, CO***Rescue of Del1 Knock Out Phenotype in Bone Fracture Healing in Mice**Tatiana V. Boyko, MD; Owen Marecic; Michael Lopez; Elly Seo, MA; Xinming Tong, PhD; Charles Chan, PhD; Michael T. Longaker, MD, MBA, FACS; George P. Yang, MD, FACS; *From Stanford University, Stanford, CA***Significant Reduction of Colorectal Surgical Site Infections after Full Year Implementation of Antibioqram Driven Preoperative Antibiotic Protocol**Gopi Ukani, MD; Logan Brady, MBA; Kim O'Meara; J. Alexander Palesty, MD, FACS; Philip R. Corvo, MD, FACS; *From St. Mary's Hospital, Southington, CT***Less Is More: Outcomes of Postoperative Organ Space Infection After Intraoperative Irrigation in Appendicitis**Matthew Hernandez, MD; Eric J. Finnesgard; Johnathon M. Aho, MD; Martin D. Zielinski, MD, FACS; *From Mayo Clinic, Rochester, MN***Policies Requiring Coverage of Ears and All Facial Hair Do Not Affect Surgical Site Infection Rates: An ACS NSQIP® Review of 6,517 Cases**Sandra Farach, MD; Kristin N. Kelly, MD; Rachel Farkas, MD; Daniel T. Ruan, MD; Amy Matroniano; David C. Linehan, MD, FACS; Jacob Moalem, MD, FACS; *From University of Rochester, Rochester, NY***Bang Your Head: Bouffant vs. Skull caps and Impact on Surgical Site Infections: Does it Really Matter?**Shanu N. Kothari, MD, FACS; Andrew J. Borgert, PhD; Todd J. Kowalski, MD; *From Gundersen Health System, Gundersen Medical Foundation, La Crosse, WI***Factors Affecting Salvage Rate of Infected Prosthetic Mesh**Jeremy A. Warren, MD, FACS; Lucas R. Beffa, MD; Francisco J. Couto, MD; Benjamin H. Hancock; Dillon Morrow; Joseph Ewing; William S. Cobb, IV, MD, FACS; Alfredo M. Carbonell, II, DO, FACS; *From University of South Carolina School of Medicine, Greenville, Greenville, SC***Increased Incidence of Surgical Site Infection with a Body Mass Index ≥ 35 kg/m² Following Abdominal Wall Reconstruction**Salvatore Docimo, DO; Konstantinos Spaniolas, MD; Andrew Bates, MD; Samer Sbayi, MD; Jessica Schnur, MD; Mark A. Talamini, MD FACS; Aurora D. Pryor, MD, FACS; *From Stony Brook Medicine, Stony Brook, NY***Excision with Split Thickness Skin Graft (STSG) and Negative Pressure Therapy for the Treatment of Hidradenitis: A Potential Cure?**Robert T. Nevitt III, MD; Lauren M. DeStefano, MD; Marci Z. Fults; John B. Fobia, MD, FACS; *From Mercy Catholic Medical Center, Darby, PA***SF44 | 9:45-11:15 am****Global Surgery/Humanitarian Outreach II**

LOCATION: 1AB

TRACK(S): HUM, INT

MODERATORS:

Jocelyn M. Logan, MD, FACS, Cincinnati, OH
Sanjay Krishnaswami, MD, FACS, Portland, OR**Successful Global Surgery Program Implementation Contributes to Achieving Organizational Strategic Plans in Global Health**Gregory L. Peck, DO, FACS; Deesha Sarma; Rachel NeMoyer, MD; Stephen Schwander, MD, PhD; Suzanne Willard, PhD; Carol A. Terregino, MD; Javier Escobar, MD; Leonard Lee, MD; Rajan Gupta, MD; Vicente Gracias, MD, FACS; *From Robert Wood Johnson University Hospital, New Brunswick, NJ, Robert Wood Johnson Medical School, Piscataway, NJ***Operative Volume, Case Distribution, and Associated Drivers in Uganda's Public Health Sector**Katherine H. Albutt, MD, MPH; Maria Punchak; Peter Kayima; Didacus Namanya, MPH; Mark G. Shrimel, MD, MPH, FACS; *From Harvard Program in Global Surgery and Social Change, Boston, MA, Mbarara University of Science and Technology, Mbarara, Uganda, Ministry of Health of the Republic of Uganda, Kampala, Uganda***Perioperative Mortality Rates: A Systematic Review and Meta-Analysis of the Literature from Low- and Middle-Income Countries**Joshua Ng-Kamstra, MPH; Sumedha Arya; Sarah L. Greenberg, MD; Meera Kotagal, MD, MPH; John G. Meara, MD, FACS; Mark G. Shrimel, MD, MPH, FACS; *International Perioperative Mortality Review Group; From Harvard Medical School, Boston Children's Hospital, Boston, MA***Development of a Comprehensive Trauma Education Curriculum for the Resource Limited Environment**Geoffrey A. Anderson, MD, MPH; Deepika Nehra, MD; Peter Kayima; Lenka Ilcisin; Noralis Portal Benetiz, MB, ChB; Susan M. Briggs, MD, FACS; *From Massachusetts General Hospital, Boston, MA, Mbarara University of Science and Technology, Mbarara, Uganda*

Long-Term Outcomes Following Humanitarian Surgical Missions: Are Patients Still Satisfied?

Peter Johnston, MD; Hamil Patel; Mawuli K. Gyakobo, MB ChB, PhD, FWACP; Ziad C. Sifri, MD, FACS; *From Rutgers New Jersey Medical School, Newark, NJ, Tetteh Quarshie Memorial Hospital, Mampong, Ghana*

Impact of Delayed Care on Surgical Management of Patients with Gastric Cancer in a Low-Resource Setting

Allison N. Martin, MD, MPH; Allison Silverstein; Robinson Ssebuufu; Joseph Lule; Pacifique Mugenzi, MD; Alexandra E. Fehr, MPH; Tharcisse Mpunga; Lawrence Shulman; Paul H. Park; Ainhwa Costas-Chavarri, MD, FACS; *From Rwanda Military Hospital, Kigali, Rwanda, University Teaching Hospital of Butare, Butare, Rwanda, Partners In Health/Inshuti Mu Buzima, Butaro, Rwanda*

Supply Recovery and Donation Program: A Novel Initiative Beyond the OR

Peter Johnston, MD; Aparna Govindan, MS; Somnath Rao, MS; Ziad C. Sifri, MD, FACS; *From Rutgers New Jersey Medical School, Newark, NJ*

Advanced Trauma Life Support (ATLS®) Preparatory Courses in Low- and Middle-Income Countries

Samuel D. South, MD; Marissa A. Boeck, MD, MPH; Jorge E. Foianini, MD, FACS; Mamta Swaroop, MD, FACS; *From Northwestern University, Chicago, IL, Clinica Foianini Santa Cruz, de la Sierra, Bolivia*

Cancellation of Scheduled Surgeries at a Tertiary Hospital in Sub-Saharan Africa: A Barrier to Access to Surgical Care

Meghan Prin, MD; Jessica Eaton; Onias Mtalimanja; Anthony G. Charles, MB, BS, FACS; *From Kamuzu Central Hospital, Lilongwe, Malawi, University of North Carolina at Chapel Hill, Chapel Hill, NC, Columbia University, New York, NY*

Children with Appendicitis on the U.S.-Mexico Border Are Socioeconomically Disadvantaged and Best Served by a Freestanding Children's Hospital

Clark Anderson; Megan Parmer; Nelda Eddy; Jarett Howe; Tamara N. Fitzgerald, MD, PhD, FACS; *From Texas Tech University Health Science Center El Paso, El Paso, TX*

SF45 | 9:45-11:15 am Surgical Education IV

LOCATION: 6E

TRACK(S): EDU

MODERATORS:

Anne Campbell Larkin, MD, FACS, Worcester, MA
Afshin M. Molkara, MD, FACS, Moreno Valley, CA

Maintenance of Certification (MOC): Results from a Survey of the American Board of Surgery Diplomates

Anne G. Rizzo, MD; Margo C. Shoup, MD, FACS; Mark A. Malangoni, MD, FACS; Tyler G. Hughes, MD, FACS; Andrew Jones, PhD; Christine D. Shiffer, MBA; Spence M. Taylor, MD, FACS; Diplomates Committee; *From INOVA Fairfax Hospital, Falls Church, VA, Northwestern University, Chicago, IL, American Board of Surgery, Philadelphia, PA*

Variations in Surgical Outcomes: Is It the Residency Program, the Surgeon, or the Practice Venue?

Rebecca L. Hoffman, MD; Rachel R. Kelz, MD, FACS; Christopher J. Wirtalla; Luke J. Keele, PhD; Jon B. Morris, MD, FACS; Elizabeth A. Bailey, MD; Morgan Sellers, MD; *From University of Pennsylvania, Philadelphia, PA, Georgetown University, Washington, DC*

Death of the General Surgeon? The Financial Consequences of Integrated Surgical Training

Paul M. Inclan; Nimesh Patel, MD; Michael Hulme, PhD; Veronica A. Getz, MBA; Jeff E. Carter, MD; *From Wake Forest School of Medicine, Winston-Salem, NC*

What Is The Operative Work of a Surgery Resident Worth?

Laura Ostapenko, MD; Douglas S. Smink, MD, MPH, FACS; *From Brigham and Women's Hospital, Harvard Medical School, Boston, MA*

Tailored Integrated Training for Robotic-Assisted Laparoscopic Kidney Transplant

Federico Gheza, MD; Mario Marsur, MD; Danielle Jacobson; Pier C. Giulianotti, MD, FACS; Enrico Benedetti, MD, FACS; *From University of Illinois at Chicago, Chicago, IL*

Pregnancy and Motherhood during Surgical Training: A Qualitative Assessment

Manuel Castillo-Angeles, MD, MPH; Douglas S. Smink, MD, MPH, FACS; Marguerite Changala, MD; Gifty Kwakye, MD; Gerard M. Doherty, MD, FACS; Adil H. Haider, MB, BS, FACS; Erika Rangel, MD, FACS; *From Brigham and Women's Hospital, Boston, MA*

How to Be a Leader: A Course for Residents

David A. Hill, MD; Jean-Carlos Jimenez, MD; Stephen M. Cohn, MD; Mitchell R. Price; *From Staten Island University Hospital, Staten Island, NJ*

Is Industry Funding Associated With Greater Scholastic Productivity in Academic Plastic Surgeons?

Qing Zhao Ruan; Yoonji Baek; Patrick Bletsis; Arthur R. Celestin, MD, MPH; Sherise Epstein; Alexandra Bucknor, MB, BS; Renata Flecha-Hirsch; Justin B. Cohen, MD, MHS; Bernard T Lee, MD, MBA, MPH, FACS; *From Beth Israel Deaconess Medical Center, Boston, MA*

Can Operative Trauma Simulation Eliminate Gender Differences in Self-Confidence?

Audrey C. Pendleton, MD; Afshin Parsikia, MD, MPH; Sheldon H. Teperman, MD, FACS; Melvin E. Stone, MD, FACS; Srinivas H. Reddy, MD; Edward Chao, MB, BS, FACS; Jody M. Kaban, MD, FACS; *From Jacobi Medical Center, Bronx, NY*

Surgical Resident Cash Flow: Are Residents on the Edge of Financial Crisis?

Sarah Tevis, MD; Andrew L. Rogers, MD; Eugene F. Foley, MD, FACS; Evie Carchman, MD, FACS; Bruce A. Harms, MD, FACS; *From University of Wisconsin, Madison, WI*

**SF46 | 9:45-11:15 am
Surgical Oncology III**

LOCATION: 30B-E

TRACK(S): ONC

MODERATORS:

Giorgos C. Karakousis, MD, FACS, *Philadelphia, PA*
Charles R. Scoggins, MD, MBA, FACS, *Louisville, KY***Trends and Outcomes of Synchronous Resection of Colorectal Metastasis in the Modern Era: An Analysis of Targeted Hepatic ACS NSQIP® Database**Tyler Jones, MD; Amy Murphy, DO; Lala R. Hussain; Hamza Guend, MD; Erik M. Dunki-Jacobs, MD; David Y. Lee, MD; *From TriHealth, Cincinnati, OH***Concurrent Cholecystectomy at Time of Surgery for Small Bowel Neuroendocrine Tumor is Not Associated with Increased Morbidity**Andrew J. Sinnamon, MD; Madalyn Neuwirth, MD; Catherine E. Sharoky, MD; Rachel R. Kelz, MD, FACS; Douglas L. Fraker, MD, FACS; Robert E. Roses, MD, FACS; Giorgos C. Karakousis, MD, FACS; *From Hospital of the University of Pennsylvania, Philadelphia, PA***Distal Pancreatectomy for Pancreatic Adenocarcinoma: Is Treatment at High-Volume Centers Necessary?**Alexander Fisher, MD; Ahmed I. Salem, MD; Glen E. Leverson, PhD; Daniel E. Abbott, MD; Emily R. Winslow, MD, FACS; Sharon M. Weber, MD, FACS; *From University of Wisconsin, Madison, WI***Receipt of Sentinel Lymph Node Biopsy for Thin Melanoma is Associated With Distance Traveled for Care**Ravinder Kang, MD; Jesse A. Columbo, MD; Sandra L. Wong, MD, FACS; *From Dartmouth Hitchcock Medical Center, Lebanon, NH***Robotic Resection of Small Pulmonary Nodules after Image-Guided Marker Placement**Konstantinos P. Economopoulos, MD; Leonidas Tapias, MD; Brett Broussard, MD; Philipp T. Moser, MD; Amita Sharma, MD; Joanne O. Shepard, MD; Florian J. Fintelmann, MD; Shaunagh McDermott, MD; Douglas J. Mathisen, MD; Harald C. Ott, MD; *From Massachusetts General Hospital, Harvard Medical School, Boston, MA***Novel Nodal Metastatic Index as a Combined Indicator of Nodal Counts and Stations in Gastric Cancer**Keiji Nishibeppu; Shuhei Komatsu, MD, PhD, FACS; Dai-suke Ichikawa, MD; Toshiyuki Kosuga; Kazuma Okamoto, MD; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Eigo Otsuji; *From Kyoto Prefectural University of Medicine, Kyoto, Japan***Clinical Burden of C-Reactive Protein/Albumin Ratio Before Curative Surgery for Gastric Cancer Patients**Yuji Toiyama, MD, PhD; Yasuhiko Mohri, MD, PhD, FACS; Tadanobu Shimura, MD, PhD; Hiromi Yasuda, MD; Hiroyuki Fujikawa; Minako Kobayashi, MD, PhD; Masaki Ohi, PhD; Shigeyuki Yoshiyama, MD, PhD; Toshimitsu Araki, MD, PhD; Masato Kusunoki, MD, PhD; *From Mie University Graduate School of Medicine, Tsu, Japan***Effect of Neoadjuvant Chemotherapy on Postoperative Morbidity after Pancreatic Resection for Pancreatic Adenocarcinoma: An American College of Surgeons (ACS) National Surgical Quality Improvement Program (NSQIP) Analysis**Omar Picado, MD; Jessica R. Brosch; Gustavo A. Rubio, MD; Danny Yakoub, MD, PhD; Dido Franceschi, MD; Danny Sleeman, MD, FACS; Alan S. Livingstone, MD, FACS; Nipun B. Merchant, MD, FACS; Vikas Dudeja, MD; *From University of Miami, Miami, FL***Lymph Node Harvest as a Measure of Quality and Effect on Overall Survival in Esophageal Cancer: A National Cancer Database Assessment**Mark Dudash, MD; Sasha Slipak, MD; James T. Dove; Marie A. Hunsinger; Tania K. Arora, MD, FACS; Jeffrey L. Wild, MD, FACS; Mohsen Shabahang, MD, FACS; Joseph A. Blansfield, MD, FACS; *From Geisinger Medical Center, Danville, PA***Risk Factors for Wound Complications after Sarcoma Resection in the Lower Extremity**David P. Perrault; Gene K. Lee, MD; Antoine Lyonel Carre, MD, MPH; Roy Yu; Anmol Chattha; Maxwell Johnson; Joseph N. Carey, MD; William W. Tseng, MD; Lawrence R. Menendez, MD, FACS; Alex K. Wong, MD, FACS; *From University of Southern California, Los Angeles, CA***SF47 | 9:45-11:15 am
Thoracic Surgery II**

LOCATION: 32AB

TRACK(S): CTS

MODERATOR: Robert A. Meguid, MD, MPH, FACS, *Aurora, CO***Correlation between Standardized Uptake Value Maximum and Tumor Regression Grading before and after Neoadjuvant Therapy for Esophageal Cancer**Simon Roh, MD; John Keech, MD; Evgeny V. Arshava, MD, FACS; Gerald Clamon, MD; Muhammad Furqan, MD; Laith Abushahin, MD; Bryan G. Allen, MD, PhD; Michael Graham, MD, PhD; Ronald J. Weigel, MD, PhD, FACS; Kalpaj R. Parekh, MB, BS, FACS; *From University of Iowa Hospitals and Clinics, Iowa City, IA***Impact of Liposomal Bupivacaine on Length of Hospitalization in Thoracic Surgery Patients**Dana Dominguez, MD; Cynthia T. Bach; Tina M. Lee; Jeffrey B. Velotta, MD; *From Kaiser Permanente, University of California, San Francisco, East Bay, Oakland, CA***Ivor-Lewis Minimally-Invasive Esophagectomy Decreases the Risk of Postoperative Delirium**Carlos E. Bravo-Iniguez, MD; Daniel C. Wiener, MD, FACS; Nitya Yelamanchili; Zhicheng He, MD; Khaled Hammouda, MD; Gita N. Mody, MD; Abby White, DO; Michael T. Jaklitsch, MD, FACS; Jon O. Wee, MD, FACS; *From Brigham and Women's Hospital, Boston, MA***Comparison of Forced Expiratory Volume in One Second before and after Extracorporeal Photophoresis Therapy**Matthew Wright; Reinaldo Rampolla, MD; Mariella Gastanaduy, MPH; *From Ochsner Medical Center, New Orleans, LA*

Increasing Operative Duration of Lung Lobectomy Is Associated with Worse Perioperative Outcome

Elisabeth Dexter, MD, FACS; Kristopher Attwood, PhD; Todd L. Demmy, MD, FACS; Mark W. Hennon, MD, FACS; Miriam Huang, MD; Chukwumere E. Nwogu, MB, BS, FACS; Anthony L. Picone, MD, FACS; Saikrishna S. Yendamuri, MB, BS, FACS; *From Roswell Park Cancer Institute, SUNY University at Buffalo, Buffalo, NY*

Predicting Risk Factors for Unplanned Reintubation Following Thoracic Surgery for Malignancy: An ACS NSQIP® Analysis

Jahnavi Kakuturu; Cameron T. Stock; Karl Fabian L. Uy, MD; Geoffrey M. Graeber, MD, FACS; Giles F. Whalen, MD, FACS; Jennifer LaFemina, MD, FACS; *From University of Massachusetts Medical School, Worcester, MA*

Surgical Lung Biopsy and Adverse Outcomes in Patient With Interstitial Lung Disease: An ACS NSQIP® Analysis

Steven Capece; Sneha D. Sura; Hemalkumar B. Mehta PhD; Ikenna C. Okereke, MD, FACS; *From University of Texas Medical Branch, Galveston, TX*

The Effectiveness of Video-Assisted Thoracoscopic Surgery vs. Closed Tube Thoracostomy in Parapneumonic Effusion: A Meta-Analysis

Mary Grace M. Balunsat-Rojas, MD; Angelo Mark N. Zamora, MD; Zabdriel Villanueva, MD, FPCS, FPATACSI; *From East Avenue Medical Center, Quezon City, Philippines*

Impact of Mucosal Degeneration of Gastric Conduit on Refractory Anastomotic Stricture after Esophagectomy

Katsunori K.N. Nishikawa, MD, FACS; Yujiro Tanaka, MD; Masato M.H. Hoshino, MD; Akira Matsumoto, MD; Fumiaki Yano, MD; Norio N.M. Mitsumori, MD; Katsuhiko Yanaga, MD, PhD, FACS; *From The Jikei University, Tokyo, Japan*

SF48 | 12:45-2:15 pm

Surgical Education V

LOCATION: 7AB

TRACK(S): EDU

MODERATOR: Mark E. Reeves, MD, FACS, *Loma Linda, CA*

CO-MODERATOR: Deborah E. Farr, MD, *Dallas, TX*

Artificial Intelligence for Intraoperative Video Analysis: Machine Learning's Role in Surgical Education

Daniel A. Hashimoto, MD; Guy Rosman, PhD; Mikhail Volkov, PhD; Daniela L. Rus, PhD; Ozanan R. Meireles, MD; *From Massachusetts General Hospital, Boston, MA, Massachusetts Institute of Technology, Cambridge, MA*

Assessing the Reliability and Validity of Technical Skill Assessment Tools and the Impact of Rater Training

Reagan Maniar, MD; Ashley Vergis, MD, FACS, FRCSC; Lawrence Gillman, MD, FACS, FRCSC; Jason Park, MD, FACS, FRCSC; *From University of Manitoba, Winnipeg, MB*

Development of a Competency Level Technical Skills Assessment: The General Surgery Objective Structured Assessment of Technical Skills (GOSATS)

Yasmin Halwani, MD; Ajit K. Sachdeva, MD, FACS, FRCSC; Patrice Gabler Blair, MPH; Lisa Satterthwaite, RPN, ORT; Sandra de Montbrun, MD, PhD, FRCSC; *From University of Toronto, ON, and American College of Surgeons, Division of Education, Chicago, IL*

Intraoperative Feedback: A Video-Based Analysis of Faculty and Resident Perceptions

Priya H. Dedhia, MD; Meredith Barrett, MD; Graham C. Ives; Christopher P. Magas; Oliver A. Varban, MD, FACS; Sandra L. Wong, MD, FACS; Gurjit Sandhu, PhD; *From University of Michigan, Ann Arbor, MI*

Long-Term Follow-Up of a Randomized Prospective Trial on Adaptive Simulation Training

Adriana G. Ramirez, MD; Yinin Hu, MD; Helen Kim; Sara K. Rasmussen, MD, PhD, FACS; *From University of Virginia, Charlottesville, VA*

Surgical Simulation: Markers of Proficiency

Jana Binkley; Alex D. Bukoski, PhD; Jennifer Doty; Megan Crane; Stephen L. Barnes, MD, FACS; Jake A. Quick, MD, FACS; *From University of Missouri, Columbia, MO*

Proficiency-Based Education in Robotic Inguinal Hernia Repair Using Simulation

Raghavendra Rao, MD; Robert C. Caskey, MD; Noel N. Williams, MD, FRCSC; Jon B. Morris, MD, FACS; Daniel T. Dempsey, MD, FACS; Kristoffel R. Dumon, MD; Ian Soriano, MD, FACS; *From University of Pennsylvania, Philadelphia, PA*

Trainee Involvement Does Not Adversely Impact Clinical Outcomes for Laparoscopic Foregut Surgery

Nan Wu, MD; Adam S. Weltz; Udai S. Sibbia, MD; Hamid R. Zahiri, MD; Adrian E. Park, MD, FACS, FRCSC, FCS(ECSA); *From Anne Arundel Medical Center, Annapolis, MD*

Virtual Reality Simulator Training for Shoulder Arthroscopy Procedures

Anthony E. Johnson, MD, FAOA; Christopher J. Roach, MD; Travis C. Burns, MD; Jessica C. Rivera, MD; *From Brooke Army Medical Center, JBSA-Fort Sam Houston, TX*

An Intraoperative Educational Annotation System for Endoscopic Surgery

Toshiro Tanioka; Keisuke Okuno; Kentaro Gokita; Masatoshi Nakagawa; Mikito Inokuchi; Kazuyuki Kojima, MD, PhD; *From Tokyo Medical and Dental University, Tokyo, Japan*

SF49 | 12:45-2:15 pm**Trauma III**

LOCATION: 20A

TRACK(S): TRA, GEN

MODERATORS:

Samual R. Todd, MD, FACS, FCCM, *Houston, TX*George P. Yang, MD, PhD, FACS, *Stanford, CA***Optimal Timing of Initiation Thromboprophylaxis in Spinal Trauma after Operative Intervention: A Propensity Matched Analysis**

Fahad S. Ahmed, MD; Muhammad Khan, MD; Andrew L. Tang, MD, FACS; Asad Azim, MD; Narong Kulvatunyou, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Prolonged Use of Spinal Precautions Leads to Increased Morbidity in the Adult Trauma Patient without Neurologic Deficit

Katherine P. MacCallum, MD; Stanley Kalata; Edward Chao, MB, BS, FACS; Melvin E. Stone, Jr., MD, FACS; David Darcy, MD; Sheldon H. Teperman, MD, FACS; Srinivas H. Reddy, MD. *From Jacobi Medical Center, Bronx, NY*

Sarcopenia Defined by Computed Tomography Psoas Muscle Area Does Not Predict Frailty in Trauma Patients

Ashley Mccusker, MD; Terence O'Keeffe, MB, ChB, FACS; Muhammad Khan, MD; Fahad S. Ahmed, MD; Narong Kulvatunyou, MD, FACS; Andrew L. Tang, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Assessment of Blood Flow Patterns Distal to Aortic Occlusion (AO) Using Computed Tomography (CT) in Patients with Resuscitative Endovascular Balloon Occlusion of the Aorta

Philip Wasicek, MD; Kathirkamanathan Shanmuganathan, MD; William A. Teeter, MD; William B. Gamble, MD; Peter F. Hu, PhD; Deborah M. Stein, MD, FACS; Thomas M. Scalea, MD, FACS; Megan L. Brenner, MD, FACS. *From University of Maryland Shock Trauma Center, Baltimore, MD*

Long-Term Risk of Mortality and Pulmonary Morbidity following Inhalation Injury Among Burn Patients

Cordelie E. Witt, MD; Ali Rowhani-Rahbar, MD, PhD; Frederick P. Rivara, MD, MPH; Monica S. Vavilala, MD; Tam N. Pham, MD, FACS; Samuel P. Mandell, MD, MPH, FACS; Nicole S. Gibran, MD, FACS; Saman Arbabi, MD, MPH. *From University of Washington, Seattle, WA*

Predictors of Splenectomy after Failed Nonoperative Management: An Analysis of the NTDB 2013-2014

Allan Nguyen, DO; James R. Yon, MD; Alessandro Orlando, MPH; Caleb J. Mentzer, DO; D. Sue Slone, MD; David Bar-Or, MD, PhD. *From Swedish Medical Center, Englewood, CO*

PSOAS and Rectus Muscle Density by Computed Tomography (CT) is Predictive of Vital Capacity (VC) in a Blunt Chest Trauma Population

Panna A. Codner, MD, FACS; Kristin Shields, MD; Ross Cerniglia, MD. *From Medical College of Wisconsin, Milwaukee, WI*

The Trimodal Distribution of Trauma Deaths Is No More

Muhammad Khan, MD; Asad Azim, MD; Andrew L. Tang, MD, FACS; Faisal Jehan, MD; Gary A. Vercruysse, MD, FACS; Lynn M. Gries, MD; Arpana Jain, MD; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Getting "More Mileage" Out of the Trauma and Injury Severity Score: Extending the Paradigm to Morbidity and Length of Stay Predictions

W.T. Hillman Terzian, MD; Brian A. Hoey, MD, FACS; William S. Hoff, MD, FACS; Peter Thomas, DO; Thomas R. Wojda, MD; James Cipolla, MD, FACS; Stanislaw P. Stawicki, MD, FACS. *From St. Luke's University Health Network, Bethlehem, PA*

SF51 | 2:30-4:00 pm**Breast I**

LOCATION: 20A

TRACK(S): GEN, ONC

MODERATORS:

Jacqueline S. Jeruss, MD, FACS, *Ann Arbor, MI*Elisa R. Port, MD, FACS, *New York, NY***Characterization of Novel Immune Checkpoint Receptors Within the Breast Cancer Tumor Microenvironment**

Austin D. Williams, MD; Kyle K. Payne, PhD; Alycia So; Jose Conejo-Garcia, MD, PhD; Julia C. Tchou, MD, FACS; *From University of Pennsylvania/Philadelphia, PA, The Wistar Institute, Philadelphia PA, Moffitt Cancer Center, Tampa, PA*

Expanding the Safety of Nipple-Sparing Mastectomy to High-Risk Patients

Michael Sosin, MD; Andrew Crocker; Kieranjeet Nijhar; Elizabeth A. Moroni; Mabel C. Chan; Troy A. Pittman, MD, FACS; Shawna C. Willey, MD, FACS; Eleni A. Tousimis, MD, FACS; *From Medstar Georgetown University Hospital, Washington, DC*

Disparities in the Utilization of Sentinel Lymph Node Dissection in Early-Stage Breast Cancer

Apoorve Nayyar, MB, BS; Paula D. Strassle; Kandace P. McGuire, MD, FACS; *From University of North Carolina, Chapel Hill, NC*

Nationwide Review of Predictors of Readmission Following Breast Cancer Surgery and the Impact of Hospital Procedure Volume

Gyulnara Kasumova, MD; Sing Chau Ng; Promise O. Ukandu; Jennifer F. Tseng, MD, MPH, FACS; Ted A. James, MD, FACS; *From Beth Israel Deaconess Medical Center, Boston, MA*

Reconstruction in the Metastatic Breast Cancer Patient: Results from the National Cancer Database

Anna C. Weiss, MD; Carrie K. Chu, MD; Heather Lin, PhD; Yu Shen, PhD; Simona F. Shaitelman, MD; Patrick B. Garvey, MD, FACS; Isabelle Bedrosian, MD, FACS; Gildy V. Babiera, MD, FACS; *From University of Texas MD Anderson Cancer Center, Houston, TX*

Poor Compliance in Screening Breast MRI in High-Risk Women in an Equal Access System

Vance Y. Sohn, MD, FACS; Andrew Mosier, DO; Woo S. Do, MD; Jessica B. Weiss, MD; Helen F. McGregor; Garth S. Herbert, MD; *From Madigan Army Medical Center, Tacoma, WA, Brooke Army Medical Center, San Antonio, TX*

Predictors of Time from Diagnosis to Surgical Treatment among Women with Breast Cancer

Charalampos Siotos, MD; Ricardo J. Bello, MD, MPH; Mohamad E. Sebai, MB, BS; Mehran Habibi, MD, MBA; Michele A. Manahan, MD, FACS; Oluseyi Aliu, MD; Carisa M. Cooney, MPH; Gedge D. Rosson, MD; *From Johns Hopkins University, Baltimore, MD*

A Cross-Sectional Comparison of Quality of Life Outcomes in 348 Older and Younger Adults Following Breast Reconstruction

Mohamad E. Sebai, MB, BS; David Cui; Ricardo J. Bello, MD, MPH; Julie Lee; Charalampos Siotos; Michele A. Manahan, MD, FACS; Justin M. Sacks, MD, FACS; Mehran Habibi, MD; Gedge D. Rosson, MD; Carisa M. Cooney; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Comparison of Surgical Outcomes after Breast Reconstruction in Patients Younger and Older than Age 65: An ACS NSQIP® Analysis

Halley Vora, MD; Rodrigo F. Alban, MD, FACS; Quanlin Li; Farin Amersi, MD, FACS; Armando E. Giuliano, MD, FACS; Alice P. Chung, MD, FACS; *From Cedars Sinai Medical Center, Los Angeles, CA*

SF52 | 2:30-4:00 pm

Colon and Rectal Surgery III

LOCATION: 6D

TRACK(S): CRS

MODERATORS:

Traci L. Hedrick, MD, FACS, FACRS, *Charlottesville, VA*
Anjali Savithri Kumar, MD, MPH, FACS, FASCRS, *Seattle, WA*

Measurement Bias of Polyp Size at Colonoscopy: What is the Big Deal?

Shinichiro Sakata; David Hewett; Andrew Stevenson; *From School of Medicine, The University of Queensland, Brisbane, Brisbane, Australia*

Mitochondrial DNA Promotes Intestinal Inflammation via Activation of NLRP3

Vei Shaun Siow, MD; Elizabeth Novak, PhD; Garret Vincent; Kellie E. Cunningham, MD; Brian Griffith; Kevin P. Mollen, MD, FACS; *From University of Pittsburgh Medical Center, Children's Hospital of Pittsburgh of University of Pittsburgh Medical Center, Pittsburgh, PA*

Oncologic Outcomes for Low Rectal Adenocarcinoma Following Low-Anterior Resection With Coloanal Anastomosis Versus Abdominoperineal Resection: A National Cancer Database Propensity Matched Analysis
Adam Fields, MD; Rebecca Scully, MD; Joel E. Goldberg, MD, MPH; Ronald Bleday, MD, FACS; Nelya Melnitchouk, MD; *From Brigham and Women's Hospital, Boston, MA*

Role of the Fecalith in Development of Diverticular Pathology: A Prospective Study Evaluating Feasibility of Fecalith Removal from Diverticula

Wayne L. Ambroze, Jr., MD, FACS; Maryam Saidy, MD; Bradley P. Champagne, MD; *From Georgia Colon & Rectal Association, Northside Hospital, Atlanta, GA*

Salmonella-Mediated Therapy Targeting Indoleamine 2, 3-Dioxygenase (IDO) Mitigates Colorectal Cancer Growth in an Immunocompetent Mouse Model

Thuy Phan, PhD; Don J. Diamond, PhD; Marcela S. D'Alincourt, PhD; Vu H. Nguyen, PhD; Edwin Manuel, PhD; Teodora Kaltcheva, PhD; Laleh G. Melstrom, MD, FACS; *From City of Hope National Medical Center, Duarte, CA*

Stem Cell Mobilization Improves Healing of Colonic Anastomoses in Rats

Melissa E. Chen, MD; Hiroshi Kuwabara, MD; Kenji Katsumata, MD, FACS; Akihiko Tsuchida, MD, PhD; Benjamin Philosophe, MD, PhD; Zhaoli Sun, MD, PhD; *From Johns Hopkins University, Baltimore, MD*

SF53 | 2:30-4:00 pm

e-Poster Rounds VI

LOCATION: 6A

TRACK(S): GEN, HP, EDU, ONC

e-Posters are listed by category, in the Scientific Forum e-Poster section, on page 168.

SF54 | 2:30-4:00 pm

Global Surgery/Humanitarian Outreach III

LOCATION: 6E

TRACK(S): HUM, INT

MODERATORS:

Mamta Swaroop, MD, FACS, *Chicago, IL*
Anthony G. Charles, MD, MPH, FACS, *Chapel Hill, NC*

Outcomes Following Exploratory Burr Holes for Traumatic Brain Injury in a Resource-Poor Setting

Jessica C. Eaton; Asma Bilal Hanif; Anthony G. Charles, MD, MPH, FACS; *From Kamuzu Central Hospital, Lilongwe, Malawi, University of North Carolina, Chapel Hill, NC*

Surgical Capacity in South Africa: A Recommendation for a National Surgical Plan

Kathryn M. Chu, MD, FACS; Angela Dell, BSc MB, ChB, PhD; Sarah J. Rayne; Sule Burger; Candy Day; Stephanie van Straten; Robert Jaich; *From University of Cape Town-Cape Town, South Africa, University of Witswaterstrand Johannesburg South Africa, Health Systems Trust, Cape Town, South Africa*

Dehumanizing Wartime Refugees: Global Impact of Organ Trafficking

Katherine M. Marsh; Alice S. Ferng, PhD; Robert C. Harland, MD; Zain I. Khalpey, MD, PhD, FACS; *From University of Arizona College of Medicine - Tucson, Tucson, AZ*

The Effect of Anatomic Injury Location on Risk of Mortality in Sub-Saharan Africa: The Role of Head Injury

Jessica C. Eaton; Joanna Grudziak, MD, MPH; Asma B. Hanif; Wanangwa C. Chisenga, MB, BS; Anthony G. Charles, MD, MPH, FACS; *From University of North Carolina, Chapel Hill, NC, Kamuzu Central Hospital, Lilongwe, Malawi*

Curing World Blindness: The Lifeline Express Train

Roberto Molera Jr., MD; Sherry M. Wren, MD, FACS; Stylianos Serghiou, MB, ChB; Scott Lee, MD, FACS; Ryan A. Shields, MD; Hweyryoung Cho; *From University of California Berkeley, Berkeley, CA, Stanford University, Stanford, CA, EBO, Pinole, CA*

Estimation of Costs Associated with Oxygen Procurement in Rwanda—A Modeling Study

Neal E. McKimpson; Yihan Lin, MD; Fulgence Nkikabahizi; Mark G. Shrime, MD, MPH, FACS; *From Harvard Medical School, Boston, MA, Partners in Health, Kigali*

Developing and Implementing a Basics of Research Course for First-Time Researchers in Kenya and Rwanda

Margaret Tarpley; Evelyn Mbugua, MD; Erik N. Hansen, MD, FACS; Ainhwa Costas, MD, MPH, FACS; J.C. Allen Ingabire, MD, MPH; Faustin Ntirenganye, MD; John L. Tarpley, MD, FACS, FWACS; *From AIC Kijabe Hospital, Kijabe, Kenya, University Teaching Hospital of Kigali, Kigali, Rwanda, Vanderbilt University, Nashville, TN*

Essential Pediatric Surgical Care in Mongolia: A Nationwide Study

Laura F. Goodman, MD; Sarnai Erdene, MD; Diana L. Farmer, MD, FACS, FRCS; Erdenetsetseg Chuluun, MD; *From University of California Davis Health, Sacramento, CA, Harvard T.H. Chan School of Public Health, Boston, MA, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia*

Impact of Prehospital Time on Trauma Related Mortality in an Upper Middle Income Country

Alberto F. Garcia, MD; Alvaro I. Sanchez Ortiz, MD, PhD; Maria I. Gutierrez, MD, PhD; Jorge Paredes, MD; Juan Carlos Puyana, MD; *From Universidad Del Valle, Cali, Columbia*

Global Learning Opportunity through Burden Education (GLOBE): An Example of Formalized Latin America Middle Income Country Acute Care Surgery Training Capacity

Gregory L. Peck, DO, FACS; David N. Blitzer, MD; Rachel E. NeMoyer, MD; Paul Truche, MD; Erin M. Scott; Mary E. Schroeder, MD; Jurek Kocik, MD; Luis L. Pino, MD; Vicente Gracias, MD, FACS; Carlos Ordonez, MD; *From Rutgers Robert Wood Johnson, New Brunswick, NJ, Universidad del Valle, Cali, Columbia*

SF55 | 2:30-4:00 pm

Health Services Research IV

LOCATION: 18

TRACK(S): HP, EDU

MODERATOR: Amit K. Mathur, MD, FACS, *Phoenix, AZ*

Disaster Simulation: What We Have Done and What We Have Learned

Pedro L. Mellucci, MD; Willy J. Macedo Netto, MD; Fernando L. Pereira, MD; Alexandre S. Campos, MD; Bruna M. Laursen; Camila P. Sannino; Isabella B. Rodrigues; Juliana Seribeli, MD; Keiny S. Pinotti; Lyara M.M. Queiroz; *From Presidente Prudente Regional Hospital, Presidente Prudente, Brazil*

Disparities in Laparoscopic Resection in the Elective Treatment of Diverticulitis

Asif Talukder; Randi L. Lassiter, MD; Patricia Martinez-Quinones, MD; Cassandra Q. White, MD; Daniel Albo, MD, FACS; Jinsol Oh, MD; *From Augusta University, Augusta, GA*

Drivers and Timing of Interhospital Transfers of Acute General Surgery Patients

Jennifer L. Philip, MD; Megan C. Saucke; Caprice C. Greenberg, MD, FACS; Angela M. Ingraham, MD; *From University of Wisconsin, Madison, WI*

Enhanced Readability of Discharge Summaries Decreases Provider Phone Calls in the Post-Hospital Setting

Asad J. Choudhry, MB, BS; Moustafa Younis, MB, BS; Mohamed D. Ray-Zack, MB, BS; Amy Glasgow; Elizabeth B. Habermann, PhD, MPH; Stephanie Heller, MD, FACS; Henry J. Schiller, MD, FACS; Martin D. Zielinski, MD, FACS; Nadeem N. Haddad, MD; *From Mayo Clinic, Rochester, MN*

Evaluating Mentorship and Onboarding through Assessment of Patient Outcomes by Attending Surgeon Seniority Using ACS NSQIP® Data

Catherine H. Davis, MD, MPH; Bradford J. Kim, MD, MHS; Nisha Narula, MD; Stephen G. Swisher, MD, FACS; Thomas A. Aloia, MD, FACS; *From University of Texas MD Anderson Cancer Center, Houston, TX*

Evolution of Workforce Diversity in Surgery from 2000-2013

Charalampos Siotos, MD; Rachael M. Payne; Gedge D. Rosson, MD; Carisa M. Cooney, MPH; *From Johns Hopkins University, Baltimore, MD*

Favorable Impact of TEVAR on Long-Term Survival of Patients with Acute Uncomplicated Type B Aortic Dissection

James C. Iannuzzi, MD, MPH; Sahael M. Stapleton, MD; Yanik J. Bababekov, MD, MPH; David C. Chang, PhD; Robert Lancaster; Mark F. Conrad, MD, FACS; Richard P. Cambria, MD; Virendra I. Patel, MD, MPH; *From Massachusetts General Hospital, Harvard Medical School, Boston, MA*

Financial Model for a Zero Cost Academic Surgical Department in Rural Areas

Saju Joseph, MD, FACS; Julie Molland, MBA; Dinesh Vyas, MB, BS, FACS; Valerie Bauer, MD; Brittany Woodall, DO; C. Neal Ellis, MD; Monu Joseph, JD, MBA; *From Texas Tech University Health Sciences, Odessa, TX*

SF56 | 2:30-4:00 pm**Hepatobiliary and Pancreas III**

LOCATION: 7AB

TRACK(S): GEN

MODERATORS:

Eugene P. Ceppa, MD, FACS, *Indianapolis, IN*Syed A. Ahmad, MD, FACS, *Cincinnati, OH***Targeting the Immune Checkpoint Pathway Produces Direct Binding, Uptake, and Cytotoxicity in Pancreatic Cancer**Joseph Kim, MD, FACS; Mei Gao, PhD; Jinha Park, MD, PhD; Nashaat Turkman, PhD; Minsig Choi, MD; Jeffrey L. Vacirca, MD; Aaron R. Sasson, MD, FACS; *From State University of New York, Stony Brook, NY***MnT4MPyP Enhances Ascorbate-Induced Radiosensitization in Pancreatic Cancer**Matthew S. Alexander, MD; Brianne R. O'Leary, PhD; Adrienne Klinger; Brett A. Wagner; Joseph J. Cullen, MD, FACS; *From University of Iowa Hospitals and Clinics, Veterans Affairs Medical Center, Iowa City, IA***Characterizing the Epigenetic Landscape Identifies Putative Therapeutic Targets in the Pancreatic Cancer Chimera**Divya Sood, MD; Kathryn Austgen, PhD; Chris Fiore, PhD; David Orlando; Brian Johnston; Sofija Miljovska; Cindy Collins; Randall French, PhD; Tracey Lodie, PhD; Andrew M. Lowy, MD, FACS; *From University of California, San Diego, La Jolla, CA, Syros Pharmaceuticals, Cambridge, MA***Drug Repurposing: The Anti-Proliferation Effect of Monensin in Drug-Resistant Human Pancreatic Cancer Cells**Xin Wang, MD; Bing Peng, MB, BS; Xubao Liu; Tongchuan He; *From West China Hospital, Sichuan University, Chengdu, China, University of Chicago, Chicago, IL***Blockade of REG Proteins Receptor EXTL3 Sensitizes Human Pancreatic Cancer Cells To Gemcitabine in a Mouse Orthotopic Model**Kaylene Barrera, MD; Albert Stanek, MD; Zuzia Niewiadomska; Peiqi Ou; Cathy M. Mueller; Michael Weber; Devon G. John, MD; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD, PhD; *From State University of New York, Downstate, Brooklyn, NY***Exploitation of Nanoparticle-Blood Interaction for Biomarker Discovery in Pancreatic Cancer**Damiano D. Caputo, MD; Chiara Cascone; Daniela Pozzi; Luca Digiacomo; Sara Palchetti; Giulio Caracciolo; Roberto Coppola, MD, FACS; *From University Campus Bio-Medico di Roma, Sapienza University of Rome, Istituti Fisioterapici Ospitalieri, Istituto Regina Elena, Rome, Italy***Clinical Utility of Postoperative Phosphate Recovery Profiles as a Predictor of Liver-Specific Morbidity Following Live Donor Hepatectomy**Oscar K. Serrano, MD; Steven J. Mongin; Danielle Berglund; Varshita Goduguchinta; Apoorva C. Reddy; David Vock, PhD; Varvara A. Kirchner, MD; Raja Kandaswamy, MB, BS, FACS; Timothy L. Pruett, MD, FACS; Srinath Chinakotla, MD, FACS; *From University of Minnesota, Minneapolis, MN***Serum Platelet Distribution Width (PDW) is a Predictive Factor of Persistent Organ Failure in Acute Pancreatitis**Feiyang Wang; Yushun Zhang, MD; Heshui Wu, MD, PhD; *From Pancreatic Surgery, Union Hospital, Tongji Medical College, Wuhan, China***Association Between the (GT)_n Polymorphism of the HSP-32 (HO-1), HSP-70 and HSP-90 Promoter Region Polymorphism and Acute Pancreatitis**Aiste Gulla, MD; Tieqiang Hu, MD; Antanas Gulbinas, MD, PhD; Zilvinas Dambrauskas, MD, PhD; *From Thomas Jefferson University Hospital, Philadelphia, PA, Lithuanian University of Health Sciences, Kaunas, Lithuania, Vilnius University Hospital, Santariskiu Clinics, Vilnius, Lithuania***Contemporary Outcomes of Transduodenal Sphincteroplasty: The Importance of Surgical Quality**Mohammad Y. Zaidi, MD; Claire Milam; Evan L. Fogel, MD; Stuart Sherman, MD; Henry A. Pitt, MD, FACS; Attila Nakeeb, MD, FACS; C. Max M. Schmidt, MD, PhD, MBA, FACS; Michael G. House, MD, FACS; Eugene P. Ceppa, MD; Nicholas J. Zyromski, MD, FACS; *From Indiana University, Indianapolis, IN***SF57** | 4:15-5:45 pm**Endocrine Surgery I**

LOCATION: 7AB

TRACK(S): ONC, GEN

MODERATORS:

Sanziana A. Roman MD, FACS, *Durham, NC*Elizabeth G. Grubbs MD, FACS, *Houston, TX***Emergency Room Visits and Readmissions Following Thyroidectomy: Initial Assessment from the Collaborative Endocrine Surgery Quality Improvement Program (CESQIP)**Aida Taye, MD; *From Mount Sinai Hospital, New York, NY***Financial Burden of Thyroid Cancer in the U.S.: An Estimate of Economic and Psychological Hardship Among Thyroid Cancer Survivors**Janeil M. Belle Mitchell, MD; Andrew J. Swearingen, MD; Joseph C. Yoder; Benjamin C. James, MD; *From Indiana University, Indianapolis, IN*

Projecting Survival in Papillary Thyroid Cancer: A Comparison of the 7th and 8th Editions of The AJCC/UICC Staging Systems In A Contemporary National Patient Cohort

Lauren N. Pontius; Taofik Oyekunle; Samantha M. Thomas; Michael T. Stang, MD; Randall P. Scheri, MD, FACS; Sanziana A. Roman, MD, FACS; Julie A. Sosa, MD, FACS; *From Duke University, Durham, NC*

Risk and Survival of Patients with Medullary Thyroid Cancer: National Perspective

Helmi Khadra, MD; Zaid Al-Qurayshi, MD, MPH; Emad Kandil, MBBCh, FACS; *From Tulane University, New Orleans, LA*

The Impact of Hashimoto's Thyroiditis on the Diagnostic Accuracy of Fine-Needle Aspiration Biopsy

Seungjun Kim; Bassam I. Aswad, MD; Latha R. Pisharodi, MD; Peter J. Mazzaglia, MD; *From The Warren Alpert Medical School of Brown University, Rhode Island Hospital Providence, RI*

Thyroid-Cancer Specific Mortality More Strongly Predicted by Tumor Staging and Extent of Node Dissection Than Lymph Node Ratio

Lucas R. Philipp; Neil D. Saunders, MD; Snehal G. Patel, MD; Collin J. Weber, MD, FACS; Jyotirmay Sharma, MD, FACS; *From Emory University, Atlanta, GA*

Does Specialty Matter? Analysis of Outcomes in Total Thyroidectomy for Goiters between General Surgery and Otolaryngology using ACS NSQIP®

Paul J. Chung, MD; Michael Lee; Erin H. Chang, MD; George S. Ferzli, MD; Antonio E. Alfonso, MD, FACS; Natalya Chernichenko, MD, FACS; Gainosuke Sugiyama, MD, FACS; *From State University of New York Downstate Medical Center, Brooklyn, NY*

Follicular and Hurthle Cell Thyroid Carcinoma- Comparison of Recurrence and Survival

Rohit Ranganath, MB, BS; Laura Y. Wang, MD; Ashley Hay, MD; Jocelyn C. Migliacci; Michael Tuttle, MD; Ronald A. Ghossein, MD; Ian Ganly, MD, PhD; *From Memorial Sloan Kettering Cancer Center, New York, NY*

Risk and Survival of Patients with Undifferentiated Thyroid Cancer: National Perspective

Helmi Khadra, MD; Zaid Al-Qurayshi, MD, MPH; Emad Kandil, MBBCh, FACS; *From Tulane University, New Orleans, LA*

Extended Postoperative VTE Prophylaxis Is Not Indicated In Neuroendocrine Tumor Patients Undergoing Surgical Intervention

Nicholas J. Skertich, MD; Justin Gerard; Erik Shadde, MD; Martin Hertl, MD, FACS; Jennifer Poirier, PhD; Xavier M. Keutgen, MD; *From Rush University Medical Center, Chicago, IL*

Free-Standing Donor Recovery Center Decreases Number of Procurements Requiring Surgeon Air and Ground Travel by Half

Laura A. Hickman, MD; Russell L. Griffin, PhD; Garry C. Taylor; Candance Barnes, MBA; Michael Scott; Christopher B. Meeks; Devin E. Eckhoff, MD, FACS; Jayme E. Locke, MD, FACS; Samuel T. Windham, MD; *From University of Alabama at Birmingham, Alabama Organ Center, Birmingham, AL*

High Risk of Catastrophic Health Expenditure Among Uninsured Emergency Surgery Patients in the U.S.

John W. Scott, MD, MPH; Joaquim M. Havens, MD, FACS; Nakul Raykar, MD; John A. Rose, Jr., MD; Ali Salim, MD, FACS; Adil H. Haider, MD, MPH; John G. Meara, MD, FACS; Mark G. Shrime, MD, MPH, FACS; *From Brigham and Women's Hospital, Program for Global Surgery and Social Change, Harvard Medical School, Boston, MA*

High-Risk Pediatric Opioid Prescribing Patterns Following Surgery in the U.S.

Calista Harbaugh, MD; Jay S. Lee, MD; Chad Brummett, MD; Michael J. Englesbe, MD, FACS; Terri Voepel-Lewis, PhD; Hsou Mei Hu, PhD, MBA; Jennifer F. Waljee, MD, FACS; *From University of Michigan, Ann Arbor, MI*

Home CHG Bathing Component of Perioperative SSI Prevention Bundle Independently Decreases Infection Risk

Rebecca A. Marmor, MD; Robert El-Kareh, MD, MPH; Shira Abeles, MD; Hai Yang; Sonia L. Ramamoorthy, MD, FACS; Francesca Torriani, MD; *From University of California, San Diego, La Jolla, CA, CHQI SSI Prevention Collaborative, Sacramento, CA*

Implementation of Lung Cancer Screening with Quality Metrics in a Diverse Urban Population

Ryan Moore, MD; Shelby R. Sferra, MPH; Larry R. Kaiser, MD, FACS; Verdi J. DiSesa, MD; Grace X. Ma, PhD; Cherie P. Erkmann, MD; *From Temple University Hospital, Philadelphia, PA*

Intraoperative Microbreaks Exercises Impact Surgical Trainees' Musculoskeletal Discomfort and Workload

Amro M. Abdelrahman, MB, BS; Bethany R. Lowndes, PhD; Julianne Bingener, MD, FACS; Adrian E. Park, MD, FACS, FCS(ECSA), FRCSC; M. Susan Hallbeck, PhD; *From Mayo Clinic, Rochester, MN, Johns Hopkins University, Baltimore, MD*

Leadership in Action: Identifying Patterns of Leadership in a Mass Casualty Simulation

Ashley W. Gerrish, MD; Thomas Strayer; Roger Glick, MBA; Shawn D. Safford, MD, FACS; Sarah H. Parker, PhD; *From Carilion Clinic, Virginia Tech Carilion Research Institute, Roanoke, VA*

Liver Transplantation at Safety-Net Hospitals: Vulnerable Patients with Equivalent Outcomes

Vikrom K. Dhar, MD; Richard S. Hoehn, MD; Koffi Wima; Young Kim, MD; Audrey E. Ertel, MD; Derek E. Go; Shimul A. Shah, MD, FACS; *From University of Cincinnati, Cincinnati, OH*

Use of Environmental Air Quality Indicators to Assess the Types of Surgical Headgear Typically Used In a Dynamic Operating Room Environment

Troy A. Markel, MD, FACS; Thomas Gormley, PhD; Damon Greeley; John Ostojic; Rahul Bharadwaj, PhD; Jonathan Rajala, PhD; Angie Wise, MS; and Jennifer Wagner, PhD; *From Indiana University-Perdue University, Indianapolis, IN*

SF58 | 4:15-5:45 pm

Health Services Research V

LOCATION: 1AB

TRACK(S): HP, EDU

MODERATOR: Leslie M. Kobayashi, MD, FACS, San Diego, CA

SF59 | 4:15-5:45 pm**Plastic and Maxillofacial Surgery II**

LOCATION: 6B

TRACK(S): PLA

MODERATORS:

Derrick C. Wan, MD, FACS, *Stanford, CA*Mark W. Clemens, MD, FACS, *Houston, TX***Characterization of Adipose Tissue Using 3-D Confocal Microscopy**Charles P. Blackshear, MD; Dre M. Irizarry, MD; Cristhian F. Montenegro, MS; Derrick C. Wan, MD, FACS; *From Stanford University, Stanford, CA***Generation of Insulin Producing β -cells from Adipose Derived Stem Cells**Ashley N. Leberfinger, MD; Srinivas V. Koduru, PhD; Dino J. Ravnic, DO, MPH; *From Penn State Milton S. Hershey Medical Center, Hershey, PA***Breast Cancer Provider Discussion Law Helps Reverse Racial and Economic Disparity in Breast Reconstruction Rates in New York State: An Analysis of 42,137 Patients from the New York State Database**Rose Fu; Paul A. Kurlansky, MD, FACS; Jessica Means; Onur Baser; Christine H. Rohde, MD, MPH, FACS; *From Columbia University Medical Center, New York, NY***Transoral Endoscopic Thyroidectomy Vestibular Approach with Standardized Neural Monitoring: Tips, Value, and Limits**Matteo Lavazza, MD; Davide D.I. Inversini; Gianlorenzo Dionigi, MD, FACS; Vincenzo Pappalardo; *From University of Insubria, Varese, Italy***Safety and Efficacy of Limited Vitrectomy for Vision Degrading Vitreopathy**J. Sebag, MD, FACS, FRCOphth, FARVO; Kenneth MP. Yee; Justin H. Nguyen; Jeannie Nguyen-Cuu; *From VMR Institute for Vitreous Macula Retina, Huntington Beach, CA***Doxycycline Impregnated Silicone Implants Are a Novel Strategy to Reduce Incidence of Breast Implant Infection**Ryan M. Boudreau, MD; Aaron Seitz, MD; Grace Martin, MD; Charles C. Caldwell, PhD; Michael Edwards, MD; Erich Gulbins; Ryan M. Gobble, MD; *From University of Cincinnati, Cincinnati, OH, University of Duisburg-Essen, Essen, Germany***The "Delay Procedure" Decreases Overall Ischemic Complications in Nipple-Sparing Mastectomies: A Retrospective Review of 169 Mastectomies in 87 Patients**Han L.T. Hoang, MD; Meaghan L. Barr; Kristy Funk, MD; Maggie DiNome, MD; Andrew L. Da Lio, MD; *From University of California, Los Angeles, CA, Pink Lotus Breast Center, Los Angeles, CA***Patient-Reported Outcomes for Deep Inferior Epigastric Artery Perforator Flap Breast Reconstruction in the Severely Obese**Aladdin H. Hassanein, MD; Ricardo J. Bello, MD, MPH; Justin M. Sacks, MD, FACS; Michele A. Manahan, MD, FACS; Carisa M. Cooney, MPH; Gedde D. Rosson, MD; *From Johns Hopkins School of Medicine, Baltimore, MD***The Use of Indocyanine Green Angiography in Postmastectomy Reconstructions: Do Outcomes Improve Over Time?**Gustave K. Diep; Schelomo Marmor, PhD; Scott Kizy, MD; Jing Li Huang, MD; Bruce L. Cunningham, MD, FACS; Umar Choudry, MD; Todd M. Tuttle, MD, FACS; Jane YC. Hui, MD; *From University of Minnesota, Minneapolis, MN***SF60** | 4:15-5:45 pm**Transplantation and Tissue Engineering II**

LOCATION: 32AB

TRACK(S): BTR, GEN

MODERATORS:

Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*Carlos E. Marroquin, MD, FACS, *South Burlington, VT***Directed Differentiation of Human Pluripotent Stem Cells Generates Tissue-Engineered Liver Populated by PROM1 and EpCAM Hepatic Stem/Progenitor Cells**Christopher R. Schlieve, MD; Candida Toribio; Kathryn L. Fowler; Johnny L. Castillo; Laura-Marie Nucho, MBA; Tracy C. Grikscheit, MD, FACS; *From Children's Hospital Los Angeles, Los Angeles, CA***Control of Microvascular Stability by Blood-Tissue Gradients of Sphingosine 1-Phosphate (S1P)**John Morgan, MD, PhD; Jason A. Spector, MD, FACS; *From Cornell University Medical College, New York, NY***Push to Start: Engineering a Hierarchical Vasculature for Surgically Applicable Tissues**Andrew I. Abadeer; Julia L. Jin; Brandon Gold; Omer Kaymakalan, MD; Jaime L. Bernstein; Sarah Karinja; John Morgan; Jason A. Spector, MD, FACS; *From Weill Cornell Medical College, Columbia University College of Physicians and Surgeons, New York, NY***Biological Liver Scaffolds Promote Engraftment and Functionality of Multilineage Allogenic Neonatal Liver Cells**Wessam Hassanein; Arielle Cimeno, MD; Avraham Werdesheim; Joshua Harrison; Ali Khalifeh, MD; Bryan Buckingham; Mehmet C. Uluer; Cynthia Drachenberg; Rolf N. Barth, MD; John C. LaMattina, MD; *From University of Maryland, Baltimore, MD***Tissue-Specific Extracellular Matrix (ECM) Hydrogel Promotes the Growth and Differentiation of Lgr5+ Intestinal Stem Cells into Viable Enteroids**Crisanto M. Torres, MD; Janet E. Reing; Catalina Pineda Molina; George S. Hussey, PhD; Stephen F. Badylak, MD, PhD; *From McGowan Institute for Regenerative Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA***Growing Vascularized Tissues In-Vitro Using an Autonomous Tissue Cartridge**John Morgan, MD, PhD; Jason A. Spector, MD, FACS; *From Cornell University Medical College, New York, NY*

Preclinical Ex-Vivo Human Recellularization of Acellular Porcine Hearts

Katherine M. Marsh; Alice S. Ferng, PhD; Divneet Mandair; Ned Premyodhin; Jessika Iwanski; Martha Nunez; Ray Runyan, PhD; Kitsie Johnson; Zain I. Khalpey, MD, PhD, FACS; *From University of Arizona College of Medicine, Tucson, AZ*

A Novel Three-Dimensional Culture System, Decellularized-Tissue Obtained from Cirrhotic Livers, Enhances an Epithelial-Mesenchymal Transition Phenotype in HCC Cells

Yuya Miyauchi, MD; Kentaro Yasuchika, MD, PhD; Ken Fukumitsu; Takamichi Ishii, MD, PhD; Satoshi Ogiso, MD; Hidenobu Kojima, MD; Ryoya Yamaoka, MD; Hokahiro Katayama; Takayuki Kawai, MD; Shinji Uemoto, MD, PhD; *From Kyoto University Graduate School, Kyoto, Japan*

Thursday, October 26

SF61 | 8:00-9:30 am
Breast II

LOCATION: 6D

TRACK(S): GEN, ONC

MODERATORS:

Sara L. Blair, MD, FACS, *La Jolla, CA*

Steven L. Chen, MD, MBA, FACS, *San Diego, CA*

Delayed Surgical Treatment in Breast Cancer Patients: Single-Institution Study on Survival Outcomes and Delaying Factors

Mohamad E. Sebai, MB, BS; Kevin J. Psoter, PhD; Charalampos Siotos; Richard C. Gilmore, MD; Stephanie Irwin; Mary J. Grauer; Kristen P. Broderick, MD; Lisa K. Jacobs, MD, FACS; Mehran Habibi, MD; *From Johns Hopkins University School of Medicine, Baltimore, MD*

Distribution of 21-Gene Recurrence Scores Amongst Breast Cancer Histologic Subtypes

Scott Kizy, MD; Jing L. Huang, MD; Schelomo Marmor, PhD; Anne Blaes, MD; Jianling Yuan, MD, PhD; Heather Beckwith, MD; Todd M. Tuttle, MD, FACS; Jane YC. Hui, MD; *From University of Minnesota, Minneapolis, MN*

Effects of Hsp90 Inhibitors on Patient-Derived Triple-Negative Breast Cancer Cells: BRCA1 as a Therapeutic Target for TNBC

Shrikant Anant, PhD; Prabhu Ramamoorthy, PhD; Ossama Tawfik, MD, PhD; Roy A. Jensen, MD; *From University of Kansas Medical Center, Kansas City, KS*

Final Analysis of a Randomized Phase 1b Trial to Assess Sequencing of the E39 and E39 Vaccines to Optimize Long-Term Antitumor Immunity in Folate Binding Protein (FBP) Expressing Tumors

Kaitlin Peace, MD; Timothy Vreeland, MD; John W. Myers, MD; Daniel C. Ensley; Diane F. Hale, MD; Doreen O. Jackson, MD; Julia M. Greene, MD; Guy T. Clifton, MD; George E. Peoples, Jr., MD, FACS; Elizabeth A. Mittendorf, MD, FACS; *From Brooke Army Medical Center, San Antonio, TX, Womack Army Medical Center, Fayetteville, NC, Cancer Vaccine Development Program, San Antonio, NC*

Progress in Racial Disparities for Post-Mastectomy Breast Reconstruction: National Trends in Utilization Over One Decade

Sherise Epstein; Bao Ngoc N. Tran, MD; Dhruv Singhal, MD; Bernard T. Lee, MD, MBA, MPH, FACS; *From Beth Israel Deaconess Medical Center, Harvard T.H. Chan School of Public Health, Boston, MA*

Validation of a Risk Score to Enhance Prognostic Stratification of Breast Cancer Patients Using the National Cancer Data Base (NCDB)

Audree B. Tadros, MD; Heather Lin, PhD; Marianna Chavez MacGregor, MD; Isabelle Bedrosian, MD, FACS; Yu Shen, PhD; Min Yi, MD, PhD; Sharon Giordano, MD, MPH; Kelly K. Hunt, MD, FACS; Elizabeth A. Mittendorf, MD, FACS; *From University of Texas MD Anderson Cancer Center, Houston, TX*

Radiofrequency Ablation for Early-Stage Breast Cancer: Results From Five Years of Follow-Up in a Prospective Multicenter Study

Takayuki Kinoshita, MD, PhD; Tomomi Fujisawa, MD; Masato Takahashi, MD; Naoto Yamamoto, MD; Kenjiro Aogi, MD; Takashi Hojo, MD; Masayuku Yoshida, MD; Hitoshi Tsuda, MD; *From National Cancer Center Hospital, Tokyo, Japan*

Survival Outcomes of Neoadjuvant Chemotherapy Timing Start in Relation to Date of Diagnosis and Surgery in Cases of Breast Cancer

Mohamad E. Sebai, MB, BS; Kevin J. Psoter, PhD; Richard C. Gilmore, MD; Charalampos Siotos; Stephanie Irwin; Mary Janet Grauer; Kristen P. Broderick, MD; Lisa K. Jacobs, MD, FACS; Mehran Habibi, MD; *From Johns Hopkins University Medical School, Baltimore, MD*

Trends In Neoadjuvant Chemotherapy Utilization in Triple-Negative Breast Cancer and Effect on Surgical Procedure in the National Cancer Data Base

Amy Voci, DO; Deba Sarma, MD; Lejla Hadzikadic-Gusic, MD; Yimei Han; I'sis Perry; Terry Sarantou, MD, FACS; Meghan R. Forster, MD; Antoinette Tan, MD; Richard L. White, Jr., MD, FACS; *From Levine Cancer Institute, Charlotte, NC*

SF62 | 8:00-9:30 am
Colon and Rectal Surgery IV

LOCATION: 8

TRACK(S): CRS

MODERATORS:

Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*
Jeremiah L. Deneve, DO, FACS, *Tampa, FL*

The Correlation of Bacterial Translocation with the Clinicopathologic Parameters and the Short-Term Prognosis in Colorectal Cancer Patients

Stavros Gourgiotis, MD, PhD, FACS; Dimitrios Keramidaris; Georgios Veloudis, MD, FACS; Christianna N. Oikonomou, MD; Kyriaki Theodorolea; Constantinos A. Villias, MD, FACS; *From 417 NIMTS Military Veterans' Fund Hospital of Athens, Athens, Greece, Addenbrooke's Hospital, Cambridge University Hospital Foundation, Cambridge, United Kingdom*

The Predictive Value of Increased Serum Procalcitonin in Patients with Colorectal Cancer

Stavros Gourgiotis, MD, PhD, FACS; Dimitrios Keramidaris; Georgios Veloudis, MD, FACS; Christianna N. Oikonomou, MD; Kyriaki Theodorolea; Constantinos A. Villias, MD, FACS; *From 417 NIMTS Military Veterans' Fund Hospital of Athens, Athens, Greece, Addenbrooke's Hospital, Cambridge University Hospital Foundation Cambridge, United Kingdom*

The Utility of Neutrophil Lymphocyte Ratio as a Biomarker in Prediction of Prognostic Outcomes in Large Bowel Malignancy

Ronan M. Waldron, MBBCHBAO; Michael E. Kelly; Brian M. Moloney, MB MCh; Myles R. Joyce; Michael J. Kerin; *From Discipline of Surgery, Lambe Institute, NUI Galway, Galway, Ireland*

Transanal Minimally Invasive Surgery: Experience of Our First 80 patients

Juan Carlos Baanante-Cerdena; Beatriz Martin-Perez, MD; F. Borja deLacy; Lilia Martinez de la Maza, MD; Antonio Lacy; *From Hospital Clinic, Barcelona, Spain*

Ulcerative Colitis: Biological Therapy or Ileoanal Pouch Anastomosis?

Julio F. Leite, MD, FACS; Ana S. Oliveira, MD; Manuel Rosete, MD; Antonio C. Manso; Francisco Portela; Francisco Castro-Sousa; *From Coimbra Medical School and University Hospital, Coimbra, Portugal*

Urgent Immediate Ileal-Pouch Anal Anastomoses in Ulcerative Colitis Patients Is Safe: Results of a NY State-Wide Patient Database (SPARCS)

Robert N. Goldstone, MD; Sahael M. Stapleton, MD; Richard A. Hodin, MD, FACS; Hiroko Kunitake, MD; David C. Chang, PhD; Liliana G. Bordeianou, MD, MPH, FACS, FAS-CRS; *From Massachusetts General Hospital, Boston, MA*

Genetic Inhibition of Autophagy in a Transgenic Mouse Model of Anal Cancer

Brooks L. Rademacher, MD; Hana Sleiman; Louise M. Meske; Kristina A. Matkowskyj, MD, PhD; Mark Conti; Annie Jen; Evie Carchman, MD, FACS; *From University of Wisconsin, Madison, WI*

Is Prednisone at Any Dose Safe During Pelvic Pouch Surgery?

Kaitlin Ritter, MD; John P. Burke, PhD, FRCSI; Jean H. Ashburn, MD, FACS; Tracy L. Hull, MD, FACS; Luca Stocchi, MD, FACS; *From Cleveland Clinic Foundation, Cleveland, OH*

SF63 | 8:00-9:30 am

Critical Care Surgery/Trauma II

LOCATION: 30B-E

TRACK(S): TRA, GEN

MODERATOR: Susan L. Evans, MD, FACS, *Charlotte, NC*

Milk Fat Globule-EGF Factor 8 (MFG-E8) Promotes the Recruitment and Polarization of Macrophages for Kidney Repair after Ischemia-Reperfusion



Lathan W. McCall, MD; Weng-Lang Yang, PhD; Archana Sharma, PhD; Jeffrey M. Nicastro, MD; Gene F. Coppa, MD, FACS; Ping Wang, MD. *From Feinstein Institute for Medical Research, Northwell Health, Manhasset, NY*

Indirect Acute Lung Injury Following Intra-Abdominal Sepsis in Murine Neonates is Mediated by Programmed Cell Death Receptor-1 (PD-1)'s Effects on Innate Immune Cells

Eleanor A. Fallon, MD; Daithi S. Heffernan, MD, FACS; Anne-Lise Rossi, PhD; William G. Cioffi, Jr., MD, FACS; Alfred Ayala, PhD. *From Brown University/Rhode Island Hospital, Providence, RI*

Cutaneous Burn-Induced Microvascular Inflammation in Rat Mesenteric Venules Carbon Monoxide is Attenuated by Upregulation of Heme Oxygenase

Jonathan Warren, MD; John Wood, PhD; Michael Moncure, MD, FACS; James M. Howard, MD, FACS. *From University of Kansas Medical Center, Kansas City, KS*

Targeted Temperature Management for Traumatic Arrest

Benjamin Cragun; Frances Hite Philp; Rachel P. Tindall, MD; John O'Neill; Nathan Bell; Matthew Noorbakhsh, MD; Allan S. Philp, MD; Michael F. Ditillo, DO. *From Allegheny General Hospital, Pittsburgh, PA*

The Role of the Hepatocyte Growth Factor/Tyrosine-Protein Kinase Met Axis in the Mobilization of Hematopoietic Progenitor Cells Following Severe Trauma and Chronic Stress

Tyler J. Loftus, MD; Kolenkode B. Kannan, PhD; Jessica M. Plazas; Juan C. Mira, MD; Philip A. Efron, MD, FACS; Alicia M. Mohr, MD, FACS. *From University of Florida, Gainesville, FL*

Tissue Factor Activator in Rapid Thromboelastography May Alter Coagulation Parameters in High-Risk Trauma Patients

Charles A. Karcutskie, MD; Sarah A. Eidelson, MD; Anish B. Padiadpu, MB, BS; Edward B. Lineen, MD, FACS; Nicholas Namias; Kenneth G. Proctor, PhD. *From University of Miami Leonard M. Miller School of Medicine, Miami, FL*

Titration of Heparin Infusions with Anti-Factor Xa Levels Decreases Dose Adjustments and Laboratory Draws in Surgical Patients

Navpreet K. Dhillon, MD; Eric J.T. Smith; Tong Li; Kimberly Snodgrass; Russell Mason; Galinos Barmparas, MD; Bruce L. Gewertz, MD, FACS; Eric J. Ley, MD, FACS. *From Cedars-Sinai Medical Center, Los Angeles, CA*

Acute Alcohol Intoxication Predicts Fibrinolysis Shutdown in Injured Patients

Gregory Stettler, MD; Ernest E. Moore, MD, FACS; Hunter B. Moore, MD; Geoffrey R. Nunns, MD; Benjamin Huebner, MD; Peter Eilersen, MD; Christopher C. Silliman, MD, PhD; Anirban Banerjee, PhD; Angela Sauaia, MD, PhD. *From University of Colorado, Aurora, CO, Denver Health Medical Center, Denver, CO*

Common Complications after the Use of Resuscitative Endovascular Balloon Occlusion of the Aorta

Carlos A. Ordonez, MD; Ramiro Manzano Nunez, MD; Michael W. Parra, MD; Juan P. Herrera Escobar, MD; Fernando Rodriguez, MD; Marcela Vidal, MD; Alberto F. Garcia, MD; David A. Mejia, MD; Luis L. Pino, MD; Juan C. Puyana, MD, FACS. *From Fundacion Valle del Lili, Cali, Columbia*

SF64 | 8:00-9:30 am

Health Services Research VI

LOCATION: 32AB

TRACK(S): HP EDU

MODERATOR: Allison E. Berndston, MD, FACS, *San Diego, CA*
CO-MODERATOR: Adam DeConde, MD, *Los Angeles, CA*

Matched Analysis Exploring Rural-Urban Differences in Management of Gallstone Pancreatitis

Tasha Sparks; Steven Scaife, PhD; Tiffany Whitaker; John D. Mellinger, MD, FACS; Sabha Ganai, MD, PhD, FACS; *From Southern Illinois University School of Medicine, Springfield, IL*

Not All Readmissions are Equal: Results of Care Fragmentation on Outcomes and Payment Implications for Common Medical and Surgical Conditions

Cheryl K. Zogg; Syed Nabeel Zafar, MD; Adil A. Shah, MB, BS; Taylor D. Ottesen; Nabil Wasif, MB, BS, MPH, FACS; Adil H. Haider, MB, BS, FACS; *From Yale School of Medicine, New Haven, CT, Howard University College of Medicine, Washington, DC, Center for Surgery and Public Health (BWH, HMS, HSPH), Boston, MA*

Pediatric Surgeons' Perception of Treatment Risks and Benefits for Perforated Appendicitis

Greg D. Sacks, MD; Shant Shekherdian, MD; Howard Jen, MD; Daniel A. DeUgarte, MD, FACS; Stephen B. Shew, MD, FACS; Steven L. Lee, MD; *From David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, CA*

Physician Reimbursement by Medicaid Favors Major Amputation Over Limb Preservation

Nader Zamani, MD; Sherene E. Sharath, MPH; Neal R. Barshes, MD, MPH; *From Baylor College of Medicine, Houston, TX*

Racial Disparities in Breast Cancer Persist Despite Early Detection: Analysis of Stage 1 Breast Cancer Treatment in the National Cancer Database (NCDB) and Effects of Private Insurance Status on Disparities

Barbara A. Wexelman, MD, MBA; Ethan Hoppe, MD; Lala R. Hussain; Erk Dunki-Jacobs, MD; Ching Ho, MD; David Lee, MD; *From Trihealth Cancer Institute, Cincinnati, OH*

Racial Disparities in Surgical Mortality—Are We Narrowing the Gap?

Winta Mehtsun, MD; Jose F. Figueroa, MD, MPH; Jie JZ. Zheng, PhD; Ashish K. Jha; *From Harvard T.H. Chan School of Public Health, Massachusetts General Hospital Boston MA*

Ramifications of the Children's Surgery Verification Program for Patients and Hospitals

Katherine J. Baxter, MD; Bonnie Gale; Mehul V. Raval, MD; *From Children's Healthcare of Atlanta, Emory University, Atlanta, GA*

The Operating Room Black Box: A Prospective Observation Study of the Operating Room

James Jung, MD; Teodor P. Grantcharov, MD, FACS; *From University of Toronto, Toronto, ON*

SF65 | 8:00-9:30 am

Hepatobiliary and Pancreas IV

LOCATION: 2

TRACK(S): GEN

MODERATOR: Kiran K. Turaga, MD, MPH, FACS, *Chicago, IL*
CO-MODERATOR: Adam S. Bodzin, MD, *Chicago, IL*

Laparoscopic Hepatectomy Using Fusion Fluorescence Imaging for Real-Time Identification of Hepatic Tumors, Segmental Boundaries, and Biliary Anatomy

Takeaki Ishizawa, MD, PhD, FACS; Muga Terasawwa; Yoshihiro Mise, MD, PhD; Hiromichi Ito; Yosuke Inoue, MD, PhD; Yu Takahashi; Akio Saiura, MD; *From Japanese Foundation for Cancer Research, Tokyo, Japan*

A Proactive Outreach Intervention Reduces Readmission after Hepatectomy

Nisha Narula, MD; Bradford J. Kim, MD; Catherine H. Davis, MD; Thomas A. Aloia, MD, FACS; *From MD Anderson Cancer Center, Houston, TX*

Quantitative Imaging Features of Preoperative Computed Tomography (CT) Images Predict Post-Hepatectomy Liver Insufficiency: A Multi-Institutional Expansion Cohort

Linda M. Pak, MD; Jayasree Chakraborty, PhD; William C. Chapman, MD, FACS; Richard K. Do, MD, PhD; Bas Groot Koerkamp, MD, PhD; Ser Yee Lee, MD; Marco Massani, MD; Eric P. van der Stok, MD; William R. Jarnagin, MD, FACS; Amber L. Simpson, MD; *From Memorial Sloan Kettering Cancer Center, New York, NY*

Outcome of Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy vs. Portal Vein Embolisation for Hepatocellular Carcinoma

Albert Chan, MD; Kenneth S.H. Chok, MB, BS, FRCS; Chung Mau Lo, MB, BS, FACS(Hon); *From The University of Hong Kong, Hong Kong, China*

Downstaging Therapy Followed by Liver Transplantation for Hepatocellular Carcinoma Beyond Milan Criteria

Young Kim, MD; Christopher C. Stahl; Vikrom K. Dhar, MD; Koffi Wima; Abouelmagd Makramalla, MD; Shimul A. Shah, MD, FACS; *From University of Cincinnati, Cincinnati, OH*

Promising Application for Drug Screening with Recellularized Whole-Liver Scaffold

Hidenobu Kojima, MD; Kentaro Yasuchika, MD, PhD; Ken Fukumitsu; Takamichi Ishii, MD, PhD; Satoshi Ogiso, MD; Yuya Miyauchi, MD; Ryoya Yamaoka, MD; Takayuki Kawai, MD; Hokahiro Katayama; Shinji Uemoto, MD, PhD; *From Kyoto University, Kyoto, Japan*

Surgical Resection Improves Long-Term Survival of Patients with Hepatocellular Carcinoma across Different Barcelona Clinic Liver Cancer Stages

Xu-Feng Zhang, MD, PhD; Hui Guo; Yi Lv; *From The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China*

Lower Education and Household Income Contribute to Advanced Disease, Less Treatment Received, and Poorer Prognosis in Hepatocellular Carcinoma

Xu-Feng Zhang, MD, PhD; Hui Guo; Yi Lv; *From The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China*

Splenectomy May Decrease the Risk of Hepatocellular Carcinoma in Patients with Liver Cirrhosis: A Multicenter Study

Xu-Feng Zhang, MD, PhD; Yi Lv; Yi-Fan Ren; *From The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China*

Is Laparoscopic Major Hepatectomy Superior to Open Major Hepatectomy for Liver Cancer? A Matched Case-Control Study

Albert Chan, MD; Kenneth S.H. Chok, MB, BS, FRCS; Tan To Cheung, MB, BS; Chung Mau Lo, MB, BS, FACS (Hon); *From The University of Hong Kong, Hong Kong, China*

SF66 | 8:00-9:30 am Surgical Oncology IV

LOCATION: 5AB

TRACK(S): ONC

MODERATORS:

Rebekah R. White, MD, FACS, *La Jolla, CA*

Jen Jen Yeh, MD, FACS, *Chapel Hill, NC*

Immunologic Aspects of Regional Chemotherapeutic Treatments in Melanoma

Jennifer Perone, MD; Takao Tamesa, MD; Masahito Tsutsui, MD, PhD; Rojelio E. Alvarado; Paul C. Dolber, PhD; Irina V. Pinchuk, PhD; Kelly L. Olino, MD; Douglas S. Tyler, MD, FACS; *From University of Texas Medical Branch- Galveston, Galveston, TX, Durham Veterans Affairs Medical Center, Durham, NC*

Intraoperative Near-Infrared Imaging with Second Window Indocyanine Green for Pancreatic Adenocarcinoma

Andrew D. Newton, MD; Jarrod Predina, MD; Jack Mizelle; Courtney Connolly; Ashley Dunbar; Michael Baldassari; Jeffrey A. Drebin, MD, FACS; Sunil Singhal, MD, FACS; Major K. Lee IV, MD, PhD; *From Hospital of the University of Pennsylvania, Philadelphia, PA*

Modeling Breast Cancer Metastasis in a Novel Three-Dimensional Biomimetic Platform

Julia L. Jin; Matthew R. Zanutelli; Jaime L. Bernstein; Yoshiko Toyoda; Andrew I. Abadeer; Sarah J. Karinja; Omer Kaymakcalan, MD; Peter Torzilli, PhD; Jason A. Spector, MD, FACS; *From Weill Cornell Medical College, New York, NY, Cornell University, Ithaca, NY, Hospital for Special Surgery, New York, NY*

Complementary Genome-Wide, Loss- and Gain-of-Function Screens Discover Novel Genes Associated With Platinum Resistance In Colon Adenocarcinoma

Epameinondas Dogeas, MD; Beibei Chen, PhD; Yang Xie, PhD; Joshua Mendell, MD, PhD; Mathew M. Augustine, MD; *From University of Texas Southwestern Medical Center, Dallas, TX*

Depleted Tumor Suppressor mir-655 In Plasma Contributes to Poor Outcomes and Is a Novel Therapeutic Target In ESCC

Jun Kiuchi, MD; Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Taisuke Imamura, MD; Toshiyuki Kosuga; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Kazuma Okamoto, MD; Eigo Otsuji; *From Kyoto Prefectural University of Medicine, Kyoto, Japan*

Near-Infrared Tumor-Specific Fluorescence Imaging of Pancreatic Cancer in Orthotopic Mouse Models Using the da Vinci Firefly Imaging System

Thinzar M. Lwin, MD; Jonathan C. DeLong, MD; Kentaro Miyake, MD; Paul J. Yazaki, PhD; Santiago Horgan, MD, FACS; Bryan M. Clary, MD, FACS; Robert M. Hoffman, PhD; Michael Bouvet, MD, FACS; *From University of California San Diego, La Jolla, CA, City of Hope Medical Center, Duarte, CA*

Novel Potent Chimeric Oncolytic Orthopoxvirus HOV-33 Kills Colorectal Cancer With Intratumoral and Intraperitoneal Delivery

Michael O'Leary, MD; Susanne G. Warner, MD; Sang-In Kim; Audrey H. Choi, MD; Jianming Lu; Shyambabu Chaurasiya, PhD; Anthony Park; Yuman Fong, MD, FACS; Nanhai G. Chen, PhD; *From City of Hope National Medical Center, Duarte, CA*

Mesothelin Chimeric Antigen Receptor (CAR)-Mediated Therapy for Ovarian Cancer

Oksana V. Gruzdyn; Scott A. Gruber, MD, FACS; Ramesh B. Batchu; Ebrahim M. Mahmud; Fatme K. Chukr; Rajesh Dachepalli; Santosh K. Manmari, MD; Advaita Tiruvaipati, MD; Gamal Mostafa, MD; Donald W. Weaver, MD, FACS; *From John D. Dingell VA Medical Center, Wayne State University, Detroit, MI*

SF67 | 9:45-11:15 am
Bariatric/Foregut III

LOCATION: 5AB

TRACK(S): BTR, GEN

MODERATORS:

Jayleen M. Grams, MD, PhD, FACS, *Birmingham, AL*Kyle A. Perry, MD, FACS, *Columbus, OH***Changes in Hepatic Immune Phenotype Associated with Improved Glucose Tolerance Following Sleeve Gastrectomy**David A. Harris, MD; Renuka Subramaniam, PhD; Eleanor J.M. Rudge, MB, ChB; Thomas C. Mielewczuk; Hassan Aliakbarian, MD; Ali Tavakkoli, MB, BS, FACS; Eric G. Sheu, MD, FACS; *From Brigham and Women's Hospital, Boston, MA***Neutrophil-to-Lymphocyte Ratio as a Useful Tool to Predict 30-Day Outcomes in Bariatric Surgery**Raul J. Rosenthal, MD, FACS, FASMBS; Alexandra Ferre, MD; Rafael R. Vecchio, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; *From Cleveland Clinic Florida, Weston, FL***The Simultaneous Increase of Insulin Sensitivity and Secretion Can Explain the Raised Incidence of Hypoglycemia after Gastric Bypass**Lidia Castagneto Gissey, MD; James R.C. Mariolo, MD; Marco Castagneto, MD, FACS; Geltrude Mingrone, MD; Giovanni Casella; *From Catholic University, La Sapienza State University, Rome, Italy***Racial Disparities in Bariatric Surgery Patients**Adam C. Sheka, MD; Scott Kizy, MD; Cyrus Jahansouz, MD; Keith Wirth, MD; Jayleen Grams, MD, PhD; Monica Baskin, PhD; Daniel B. Leslie, MD, FACS; Sayeed Ikramuddin, MD, FACS; *From University of Minnesota, Minneapolis, MN, University of Alabama, Birmingham, AL***Comparison of Simultaneous Pharyngeal and Distal Esophageal pH Monitoring Studies**Ezra N. Teitelbaum, MD; Christy M. Dunst, MD, FACS; Marc A. Ward, MD; Kevin M. Reavis, MD, FACS; Lee L. Swansstrom, MD, FACS; Steven R. DeMeester, MD, FACS; *From Providence Portland Medical Center, The Oregon Clinic, Portland, OR***Factors Associated with Prolonged Length of Stay after Laparoscopic Roux-en-Y Gastric Bypass: A Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) Database Analysis**Eric S. Wise, MD; Jessica Felton, MD; Rami S. Kantar, MD; Mark D. Kligman, MD; *From University of Maryland, Baltimore, MD***Lower Utilization of Bariatric Surgery by Hispanic Americans in the U.S.**Christina Koh, MD; Colette S. Inaba, MD; Sarath Sujatha-Bhaskar, MD; Ninh T. Nguyen, MD, FACS, FASMBS; *From University of California, Irvine, Orange, CA***Does Esophageal Myotomy for Achalasia Increase Body Mass Index in Obese Patients?**Domingo Montalvo, MD; Ran B. Luo, MD; Shanglei Liu, MD; Toshiaki Suzuki; Jonathan C. DeLong, MD; Garth R. Jacobsen, MD, FACS; Bryan J. Sandler, MD, FACS; Santiago Horgan, MD, FACS; *From University of California, San Diego, San Diego, CA***Laparoscopic Approach to Abdominal Surgery has Favorable Impact on Postoperative Respiratory Complications Independent of Surgeon Experience**Thomas H. Shin, PhD; Maira I. Rudolph; Vicki Sein, MD; Sara M. Burns; Megan B. Zhang; Timothy Houle, PhD; Matthias Eikermann, MD, PhD; *From Massachusetts General Hospital, Boston, MA***Operative Time as a Marker of Quality in Bariatric Surgery**Colette S. Inaba, MD; Christina Koh, MD; Sarath Sujatha-Bhaskar, MD; Shea Gallagher; Yanjun Chen; Ninh T. Nguyen, MD, FACS, FASMBS; *From University of California, Irvine, Orange, CA***SF68 | 9:45-11:15 am****Colon and Rectal Surgery V**

LOCATION: 32AB

TRACK(S): CRS

MODERATOR: Teresa H. deBeche-Adams, MD, FACS, *Orlando, FL*CO-MODERATOR: Dorna Jafari, MD, *Orange, CA***Readmission Risk Stratification after Colorectal Surgery: A Conceptual Framework Approach**Marko Martinovski, MD; Andrew J. Mullard; Jane Ferraro, MPP; Greta L. Krapohl, PhD; Darrell A. Campbell, Jr., MD, FACS; Robert K. Cleary, MD, FACS; *From St. Joseph Mercy Hospital Ann Arbor, Ypsilanti, MI***Results of a Multidisciplinary Approach to Stage II/III Rectal Cancer Care**Elise H. Lawson, MD; Charles P. Heise, MD, FACS; Jeffrey L. Jensen, PhD; Glen E. Levenson, PhD; Evie Carchman, MD, FACS; Bruce A. Harms, MD, FACS; Eugene F. Foley, MD, FACS; *From University of Wisconsin-Madison, Madison, WI***Anastomotic Leakage and Mortality in Colorectal Cancer Surgery in Octogenarians and Nonagenarians**Kai S. Lehmann, MD; Carsten Klinger; Stefan Post, MD; Ulrich Mansmann; Heinz J. Buhr, MD; *From Charité, Campus Benjamin Franklin, German Society for General and Visceral Surgery, Berlin, Germany***Differences in Long-Term Outcomes in Advanced Colon and Rectal Cancers**Lieve G.J. Leijssen, MD; Anne M. Dinaux; Hiroko Kunitake, MD; Liliana G. Bordeianou, MD, MPH, FACS, FASCRS; David L. Berger, MD, FACS; *From Massachusetts General Hospital, Harvard Medical School, Boston, MA*

ERAS Pathway in Colorectal Surgery in Elderly: Our Experience

Andrea Lucchi, MD, FACS; Bilio Pirrera, MD; Vincenzo Alagna, MD; Carlo Gabbianelli, MD; Giacomo Martorelli, MD; Pierluigi Berti, MD; Gianluca Garulli, MD; *From AUSL Romagna, General and Thoracic Surgery Unit, Riccione, Italy*

Evaluating the Current Status of Rectal Cancer Care in the U.S.: Where We Stand at the Start of the Commission on Cancer's National Accreditation Program for Rectal Cancer

Justin T. Brady, MD; Zhaomin Xu, MD; Kelly B. Scarberry; Amin Saad, MD; Fergal Fleming, MD; Feza H. Remzi, MD, FACS; Steven D. Wexner, MD, FACS; David P. Winchester, MD, FACS; John R.T. Monson, MD, MB BCH, FRCS, FACS; David W. Dietz, MD, FACS; *From University Hospitals Cleveland Medical Center, On behalf of the OSTRiCh Consortium, Cleveland, OH*

Outcomes of Colorectal Resection for Gynecologic Malignancy: A Report from the Washington State Surgical Care and Outcomes Assessment Program

Ryan Clark, MD; Greta Bernier, MD; Anjali Kumar, MD; Adnan A. Alseidi, MD, FACS; Alessandro Fichera, MD; Richard C. Thirlby, MD, FACS; *From Virginia Mason Medical Center, University of Washington, Seattle, WA*

Racial Disparity in Failure-To-Rescue in Patients with Colon Cancer: A Nationwide Analysis

Viraj Pandit, MD; Muhammad Khan, MD; Asad Azim, MD; Faisal Jehan, MD; Fahad S. Ahmed, MD; Valentine N. Nfonso, MD, FACS; *From University of Arizona, Tucson, AZ*

SF69 | 9:45-11:15 am Endocrine Surgery II

LOCATION: 6D

TRACK(S): GEN

MODERATORS:

Denise M. Carneiro-Pla, MD, FACS, *Charleston, SC*
Jennifer Braemar Ogilvie, MD, FACS, *New York, NY*

Objective Assessment of Functional and Motor-Cognitive Outcomes Among Asymptomatic Primary Hyperparathyroidism Patients Undergoing Parathyroidectomy Using Wearable Technologies: A Pilot Study Toward Better Informed Clinical Decision Making

Noreen S. Siddiqi; Bijan Najafi, PhD; Courtney Olsen; Melissa Castro; James W. Suliburk, MD, FACS; *From Baylor College of Medicine, Houston, TX*

Who Should Have Genetic Testing In Primary Hyperparathyroidism to Optimize Surgical Management?

Mustapha El Lakis; Pavel J. Nockel, DO; Bin Guan; Sunita Agarwal, PhD; James Welch; William Simonds; Stephen Marx; Naris Nilubol, MD; Dhaval Patel, MD; Electron Kebebew, MD, FACS; *From National Institute of Health, Bethesda, MD*

Mindbomb E3 Ubiquitin Protein Ligase-1 (MIB-1) Proliferation in Parathyroid Carcinoma and Atypical Adenomas is a Useful Adjunct to Identify Tumors with Aggressive Potential

Kimberly M. Ramonell, MD; Brian C. Willis, MD; Cynthia Cohen, MD; Neil D. Saunders, MD; Collin J. Weber, MD, FACS; Jyotirmay Sharma, MD, FACS; Snehal G. Patel, MD; *From Emory University School of Medicine, Atlanta, GA*

Markers of Systemic Inflammatory Response Are Prognostic Factors in Patients With Pancreatic Neuroendocrine Tumors: A Prospective Analysis

Apostolos Gaitanidis, MD; Dhaval Patel, MD; Naris Nilubol, MD; Amit Tirosh, MD; Samira Sadowski, MD; Electron Kebebew, MD, FACS; *From Endocrine Oncology Branch, National Cancer Institute, National Institute of Health, Bethesda, MD*

Preoperative Genetic Testing and 18F-FDG PET/CT Imaging in Pheochromocytomas and Paragangliomas Allows for Precision Surgery

Pavel J. Nockel, DO; Mustapha El Lakis, MD; Apostolos Gaitanidis, MD; Lily Yang; Roxanne Merkel; Dhaval Patel, MD; Naris Nilubol, MD; Tamara Prodanov, MD; Karel Pacak, MD; Electron Kebebew, MD, FACS; *From National Institutes of Health, Bethesda, MD*

The Use of Indocyanine Green Fluorescence for Tissue Distinction during Adrenalectomy

Bora Kahramangil, MD; Eren Berber, MD, FACS; *From Cleveland Clinic, Cleveland Heights, OH*

Incidence and Risk Factors for Venous Thromboembolism in Adrenal Surgery: Analysis of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®)

Gustavo A. Rubio, MD; Tanaz M. Vaghaiwalla, MD; Andrea R. Marcadis, MD; Josefina C. Farra, MD; John I. Lew, MD, FACS; *From University of Miami Leonard M. Miller School of Medicine, Miami, FL*

Lymph Node Ratio (LNR) Is a Superior Prognostic Factor to Nodal Positivity for Pancreatic Neuroendocrine Tumors

Apostolos Gaitanidis, MD; Dhaval Patel, MD; Naris Nilubol, MD; Electron Kebebew, MD, FACS; *From Endocrine Oncology Branch, National Cancer Institute, Bethesda, MD*

Removal of Primary Tumor Improves Survival in Metastatic Neuroendocrine Tumors of the Pancreas, Small Intestines, Colon, and Rectum: A National Cancer Database Study

Sitaram V. Chivukula, MD; Xuanji Wang; John Tierney, MD; Erik Schadde, MD, FACS; Martin Hertl, MD, FACS; Jennifer Poirier, PhD; Xavier M. Keutgen, MD; *From Rush University Medical Center, Chicago, IL*

Incidence and Management of Postoperative Hyperglycemia in Patients Undergoing Insulinoma Resection

Pavel J. Nockel, DO; Mustapha El Lakis, MD; Apostolos Gaitanidis, MD; Lily Yang; Roxanne Merkel; Dhaval Patel, MD; Naris Nilubol, MD; Craig Cochran; Phillip Gorden, MD; Electron Kebebew, MD, FACS; *From National Institutes of Health, Bethesda, MD*

SF70 | 9:45-11:15 am**General Surgery V**

LOCATION: 20A

TRACK(S): GEN

MODERATOR: Sharmila Dissanaiké, MD, FACS, *Lubbock, TX*CO-MODERATOR: Joseph D. Love, DO, FACS, *Houston, TX***The Rate of Nonoperative Management of Acute Uncomplicated Appendicitis in the U.S. is Accelerating and is Associated with Significantly Increased Mortality**Isaiah R. Turnbull, MD, PhD, FACS; Christopher B. Horn, MD; Dajun Tian; Grant V. Bochicchio, MD, MPH; *From Washington University School of Medicine, St. Louis, MO***30-Day Readmission Rates for Nonoperative Management of Acute Appendicitis in 4,219 Patients**Anam Pal, MB, BS; Eitezaz Mahmood; Tara Dinitto, MD; Zhiyuan Li; Stephen M. Cohn, MD; *From Northwell Health Staten Island University Hospital Staten Island, NY, Northwestern University Feinberg School of Medicine Chicago IL, Northwell Health North Shore University Hospital, Evanston, IL***Operative Strategies for Hinchey III Sigmoid Diverticulitis: A Decision Analysis**Fahima Dossa, MD; Sergio A. Acuna, MD, PhD; Nancy N. Baxter, MD, FACS; Ahmed M. Bayoumi, MD; *From University of Toronto, Toronto, ON***Computed-Tomography Measured Waist-to-Hip Ratio (WHR): A Reliable Predictor of Outcomes after Emergency General Surgery**Faisal Jehan, MD; Asad Azim, MD; Andrew L. Tang, MD, FACS; Muhammad Khan, MD; Terence O'Keeffe, MB, ChB, FACS; Arpana Jain, MD; Narong Kulvatunyong, MD, FACS; Bellal Joseph, MD, FACS; *From University of Arizona, Tucson, AZ***Crystalloid Resuscitation Strategies in Patients Undergoing Emergent Bowel Resection and Anastomosis: When Enough is Enough**Pridvi Kandagatla, MD; Charles J. Fisher II, MD; Efstathios Karamanos, MD; Arielle Hodari Gupta, MD; *From Henry Ford Hospital/Wayne State University, Detroit, MI***Operating at Night Does Not Increase the Risk of Intraoperative Adverse Events**Trine G. Eskesen; Thomas Peponis, MD; Noelle Saillant, MD; David R. King, MD, FACS; Daniel D. Yeh, MD; Marc A. De Moya, MD, FACS; Peter J. Fagenholz, MD; George C. Velmahos, MD, PhD; Haytham M. Kaafarani, MD, MPH, FACS; *From Massachusetts General Hospital, Boston, MA***Postoperative Adverse Outcomes in Intellectually Disabled Surgical Patients undergoing Cholecystectomy: A Nationwide Population-Based Study**Yaniv Cozakov, MD; Phoenix Vuong, MD; Stephen Merola, MD, FACS; *From New York Presbyterian, Queens, Flushing, NY***Preoperative Prediction of a Difficult Cholecystectomy: Not That Difficult?**Jeffrey W. Santos; Bedabrata Sarkar, MD, PhD, FACS; Tejal S. Brahmbhatt, MD; Sabrina Sanchez, MD; Peter A. Burke, MD, FACS; Christina LeBedis, MD; Avneesh Gupta, MD; George Kasotakis, MD, MPH; *From Boston University School of Medicine, Boston, MA***Comparison of Two Fixed Doses of Four Factor Prothrombin Complex Concentrate for Rapid Warfarin Reversal**Jessica Cohen, MD; Maria D. Georgiades, MD; Eric Klein, MD; Matthew A. Bank, MD, FACS; *From Northwell Health, Manhasset, NY***Saline Hydro-Flotation is Superior to Bioresorbable Membranes in Decreasing Intra-Abdominal Adhesion formation in a Rat Model**John P. Kuckelman, DO; Morgan Barron; Kevin Kniery; Jeffrey Kay; Joseph P. Kononchik, PhD; Vance Y. Sohn, MD, FACS; Zachary Hoffer; *From Madigan Army Medical Center, Tacoma, WA***SF71** | 9:45-11:15 am**Plastic and Maxillofacial Surgery III**

LOCATION: 2

TRACK(S): PLA

MODERATORS:

Timothy W. King, MD, PhD, FACS, FAAP, *Birmingham, AL*
Howard Levinson, MD, FACS, *Durham, NC***The Use of Negative Pressure Wound Therapy in Fasciocutaneous Free-Tissue Transfer**Mija Khan, MD; Ivo A. Pestana, MD, FACS; Hongda Bi, MD; *From Wake Forest University Baptist Medical Center Wake Forest University Baptist Medical Center, Shanghai Hospital, Shanghai, China***Virtual Surgical Planning and 3-D Printing in Prosthetic Orbital Reconstruction with Percutaneous Implants**Yu-hui Huang; Rosemary Seelaus; Linping Zhao, PhD; Pravin K. Patel, MD, FACS; Mimi Cohen, MD, FACS; *From University of Illinois at Chicago, Chicago, IL***Concomitant Panniculectomy Affects Wound Morbidity but Not Hernia Recurrence Rates in Abdominal Wall Reconstruction: A Propensity Score Analysis**Salvatore Giordano, MD, PhD; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Jun Liu, MD, PhD; Charles E. Butler, MD, FACS; *From MD Anderson Cancer Center, Houston, TX***Synthetic versus Acellular Dermal Matrix for Oncologic Chest Wall Reconstruction: A Comparative Analysis**Salvatore Giordano, MD, PhD; Patrick B. Garvey, MD, FACS; Mark W. Clemens, MD, FACS; Donald P. Baumann, MD, FACS; Jesse C. Selber, MD, FACS; David C. Rice, MD, FACS; Charles E. Butler, MD, FACS; *From MD Anderson Cancer Center, Houston, TX***The Impact of Body Mass Index on Abdominal Wall Reconstruction Outcomes: A Comparative Study**Salvatore Giordano, MD, PhD; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Jun Liu, MD, PhD; Charles E. Butler, MD, FACS; *From MD Anderson Cancer Center, Houston, TX***Microsurgical Reimplantation of the Avulsed Scalp**Vijay A. Obed, MB, BS, FACS; Abraham Thomas, MD; *From Christian Medical College and Hospital, Ludhiana, India*

Surgical Treatment of Gynecomastia Improves Quality-of-Life in Adolescents: A Longitudinal Cohort Study

Joseph M. Firriolo, MD; Carolyn M. Pike, MPH; Laura C. Nuzzi; Arin K. Greene, MD, FACS; Brian I. Labow, MD; *From Boston Children's Hospital, Harvard Medical School, Boston, MA*

Outcomes of Component Separation for Ventral Hernia Repair in an Emergent Setting: Analysis of the American College of Surgeons National Surgical Quality Improvement Program

Tommy Ivanics, MD; Efstathios Karamanos, MD; Arielle Hodari Gupta, MD; Anthony Falvo, DO; Joe H. Patton, Jr., MD, FACS; Ilan Rubinfeld, MD, FACS; *From Henry Ford Hospital, Detroit, MI*

Propranolol Treatment of Vascular Anomalies Other Than Infantile Hemangioma

Jeremy A. Goss, MD; Dennis J. Konczyk; Mohammed H. Alomari, MD; Reid A. Maclellan, MD; Arin K. Greene, MD, FACS; *From Boston Children's Hospital, Harvard Medical School, Boston, MA*

The Omentum Free Tissue Transfer: A Compelling Option for Craniofacial Reconstruction

Brian Bassiri-Tehrani, MD; Robert A. Andrews, MD; Wojciech Dec, MD; Peter D. Costantino, MD, FACS; *From Lenox Hill Hospital, Northwell Health, New York, NY*

SF72 | 9:45-11:15 am

Vascular Surgery IV

LOCATION: 20D

TRACK(S): VAS

MODERATORS:

Kathleen G. Raman, MD, FACS, *Rochester, NY*
Shirling Tsai, MD, FACS, *Dallas, TX*

Bioengineered Human Acellular Vessels for Dialysis Access: Completed Phase 2 Studies

Jeffrey H. Lawson, MD, FACS; Marc H. Glickman, MD, FACS; Tomasz Jakimowicz, MD, PhD; Eric K. Peden, MD, FACS; Jacek Szmidi, MD, PhD; Wojciech Witkiewicz, MD, PhD; Tomasz Zubilewicz, MD, PhD; Laura E. Niklason, MD, PhD; *From Duke UniversityDurham, NC, Yale University New Haven CT, Humacyte, Inc. Durham, NC*

Prevalence, Management, and Outcome of Computed Tomography Pulmonary Angiography Detected Pulmonary Embolism in a National Referral Hospital during a Five-Year Period

Hassan Al-Thani, MD; Ayman El-Menyar, MD; *From Hamad Medical Corporation, Doha, Qatar*

Heparin-Bonded PTFE Arteriovenous Grafts Are Not Worth the Cost: A Bayesian Perspective on Comparative Effectiveness

Kristofer M. Charlton-Ouw, MD, FACS; Harleen K. Sandhu, MD, MPH; Virginia L. Wong, MD, FACS; Taylor A. Smith, MD, FACS; Matthew R. Smeds, MD, FACS; Naveed U. Saqib, MD; Gordon H. Martin, MD; Ali Azizzadeh, MD; Charles C. Miller; *From University of Texas Health Science Center at Houston, Houston, TX, University Hospitals Case Medical Center (UHCMC), Cleveland, OH, Ochsner Medical Center, New Orleans, LA*

Adjusting for Missing Values: A Comparison of Models Predicting Long-Term Mortality after Lower Extremity Revascularizations

Sherene E. Sharath, MPH; Nader Zamani, MD; Panos Kougiass, MD; *From Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX*

Long-Term Follow-up for Hand Ischemia Associated with Trauma in Children

Melissa L. Kirkwood, MD, FACS; Brianne Hanson; Khalil Chamseddin; Shirling Tsai, MD, FACS; Alexis D. Jacob, MD, FACS; Greg Modrall, MD; Carlos H. Timaran, MD, FACS; John E. Rectenwald, MD, FACS; *From UT Southwestern Medical Center, Dallas, TX*

Outcomes of Resection for Renal Cell Carcinoma with Extensive Inferior Vena Caval Thrombus

Hallie E. Baer, MD; Georges M. Haidar, MD; Taylor D. Hicks, MD; Matthew J. Sideman, MD; Maureen K. Sheehan, MD; Lori C. Pounds, MD; Ronald Rodriguez, MD, PhD; Dharam Kaushik, MD; Mark G. Davies, MD, PhD, MBA; *From University of Texas Health San Antonio, San Antonio, TX*

Incidence of Endothermal Heat-Induced Thrombosis: Comparison Between Radiofrequency Ablation and Laser Ablation

Farah H. Mohammad, MB, BS; Loay Kabbani, MD; Nicole Kennedy; Ziad Al Adas; Mitchell R. Weaver, MD, FACS; *From Henry Ford Hospital, Detroit, MI*

Office-Based Endovascular Intervention In 1,042 Diabetic Lower Extremity Peripheral Artery Disease Patients

Robert W. Feldtman, MD, FACS; Lauren E. Jones; Sam Ahn, MD; *From Dallas Fort Worth Vascular Group, Dallas, TX*

Visceral Artery Aneurysms: A Decade-Long Experience at a Tertiary Care Surgical Gastroenterology Centre

Abishek Rajan, MD; Rajan Saxena, MB, BS, FACS; Ajit K. Mishra, MD; *From Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow, India*

Risk Factors for 30-Day Hospital Readmission after Lower Extremity Amputation

Todd R. Vogel, MD; Jamie B. Smith; Robin L. Kruse, PhD; *From University of Missouri, Columbia, MO*

OWEN H. WANGENSTEEN SCIENTIFIC FORUM e-POSTER PRESENTATIONS

New for 2017!

All poster presentations will be e-Posters and will be available for viewing during the entire Congress. All e-Posters will be located in Room 6A.

e-Poster Rounds

The format will include multiple stations in the e-Poster Rounds sessions. Authors will be assigned to present their research at a designated station and invited moderators will lead a discussion. e-Poster presentations are approximately three minutes long and will feature a discussion and/or question-and-answer session immediately following the presentation.

e-Posters of Exceptional Merit

Tuesday, October 24, 11:30 am-12:30 pm
ROOM: 6A

MELD-XI Scoring System to Predict Outcomes in Patients Who Undergo Left Ventricular Assist Device Implantation

Nastasya Volkovich, MPH; Chitaru Kurihara, MD; Jeffrey A. Morgan, MD. *From Baylor College of Medicine/Texas Heart Institute, Houston, TX*

Use of Endovascular Balloon Occlusion Catheters Results in Decreased Blood Loss and Decreased Transfusions in Woman with Abnormal Placentation Undergoing Elective Cesarean Delivery: A Meta-Analysis

Ramiro Manzano Nunez, MD; Carlos A. Ordonez, MD; Maria J. Cordoba Wagner, MD; Alejandra Londono; Maria P. Naranjo, MD; Maria F. Escobar Vidarte, MD; Paula Ferrada, MD, FACS; Juan P. Herrera Escobar, MD; Michael W. Parra, MD; Alberto F. Garcia, MD. *From Fundacion Valle del Lili, Cali, Colombia*

Estimating Incidences of Laryngeal Stenosis after Intubations Among Hospitalized Patients in the U.S.

Romaine F. Johnson, MD, MPH, FACS. *From University of Texas Southwestern Medical Center Dallas, Dallas, TX*

Reversible Deficits in Apical Transporters Associated with DGAT1 Deficiency

Cameron Schlegel, MD; Victoria G. Weis, PhD; Joshua Bauer, PhD; Hernan Correa, MD; Xianlin Han, PhD; Miao Wang, PhD; James R. Goldenring, MD, PhD; Sari Acra, MD, MPH. *From Vanderbilt University, Nashville, TN, Sanford Burnham Prebys Medical Discovery Institute, Orlando, FL*

Silencing p53 Pathway of Apoptosis Alleviates Ischemia-Reperfusion Injury in the Liver

Maximiliaan F. Thijssen; Carolina G. Moore, PhD; Xiaofei E, PhD; Xiaofei Wang, MD; Pranoti Mandrekar, PhD; Adel Bozorgzadeh, MD; Robert J. Porte, MD, PhD; Timothy F. Kowalik, PhD; Paulo Martins, MD, PhD. *From University of Massachusetts Medical School, Worcester, MA, University of Groningen, Groningen, Netherlands*

The Impact of Multiple-Service Coverage Shifts on Quality and Safety in Trauma Care

Jayson S. Marwaha; Brian C. Drolet, MD; Charles A. Adams, Jr., MD, FACS. *From Warren Alpert Medical School of Brown University, Providence, RI, Vanderbilt University Medical Center, Nashville, TN*

Upper Tract Imaging in Patients With Initial or Terminal Hematuria Suggestive of Bleeding from the Lower Urinary Tract: How Often Is The Upper Urinary Tract Responsible for The Hematuria?

Omar W. Al-Mula Abed, MB, ChB, MRCS, ChM, FABHS; Shalom Srirangam. *From East Lancashire Hospitals NHS Trust, Blackburn, University of Edinburgh, Edinburgh, UK*

Documenting the "Critical View of Safety" for Laparoscopic Cholecystectomy: What Is Currently Happening and How Can We Improve?

Sarrina Shraga; Terri R. Martin, MD, FACS; Huelidine Webb, MD, FACS. *From New York Harbor Healthcare System VA, SUNY Downstate Medical Center, Brooklyn, NY*

Postoperative Analgesic Prescription Preferences for Obese and Non-Obese Patients Undergoing Ambulatory Surgery

Anthony H. Bui; David L. Feldman, MD, MBA, FAAP, FACS; Michael Brodman, MD; Peter Shamamian, MD, FACS; Ronald Kaley, MD, FACS; Meg A. Rosenblatt, MD; Debra D'Angelo; Donna Somerville; Santosh Mudiraj, MB, BS, MPH; I. M. Leitman, MD, FACS. *From Icahn School of Medicine at Mount Sinai, Hospitals Insurance Company, New York, NY*

The Ethics of Hand Transplantation: A Systematic Review Assessing How Far the Field Has Come

Carisa M. Cooney, MPH; Charalampos Siotos, MD; Jeffrey W. Aston, MD; Ricardo J. Bello, MD, MPH; Stella M. Seal; Damon Cooney, MD; Jaimie T. Shores, MD, FACS; Gerald Brandacher, MD; W.P. Andrew Lee, MD, FACS. *From Johns Hopkins University, Baltimore, MD*

Best International Poster of Exceptional Merit

Depleted Tumor Suppressor miR-107 in Plasma Relates to Tumor Progression and is a Novel Therapeutic Target in Pancreatic Cancer

Taisuke Imamura, MD; Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Wataru Okajima, MD, PhD; Takuma Ohashi; Jun Kiuchi, MD; Keiji Nishibepu; Hisashi Ikoma; Hiroki Taniguchi, MD, PhD; Eigo Otsuji. *From Kyoto Prefectural University of Medicine, Kyoto Second Red Cross Hospital, Kyoto, Japan*

Monday, October 23

SF04 | 9:45-11:15 am

e-Poster Rounds I

(BTR, CRS, GER, HP, PED, PLA)

LOCATION: 6A

Station 1

MODERATORS:

Jennifer Lynn Irani, MD, FACS, Boston, MA

James Yoo, MD, FACS, Los Angeles, CA

A Significant Decrease in the Rate of Surgical Site Infection Following Implementation of a Comprehensive Colorectal Surgery Treatment Algorithm

Tripurari Mishra, MD; Deepa Bhat, MD; Ana Bedon; Jan P. Kaminski, MD, MBA; Joaquin J. Estrada, MD. *From Advocate Illinois Masonic Medical Center, Chicago, IL*

Acute Diverticulitis in Renal Transplant Patients: Should We Treat Them Differently?

Jeremy Sugrue, MD; Joanna S. Lee, MD; Christina V. Warner, MD; Sany Thomas, MBBCH; Ivo Tzvetanov, MD; Winnie A. Mar, MD; Anders F. Mellgren, MD, FACS; Johan Nordenstam, MD, PhD. *From University of Illinois at Chicago, Chicago, IL*

Analysis of Disease-Specific Mortality after Local Excision for Stage I Rectal Cancer

Carla F. Justiniano, MD; Adan Z. Becerra; Zhaomin Xu, MD; Christopher T. Aquina, MD; Courtney I. Boodry, MD; Maria J. Schymura, PhD; Francis P. Boscoe, PhD; Larissa K. Temple, MD, FACS; Fergal Fleming, MD. *From University of Rochester Medical Center, Rochester, NY New York State Cancer Registry Albany NY*

Comparison of Standard Lymph Node Evaluation with Novel Compression Technique Following Radical Resection for Colorectal Cancer

Daniel D. Klaristenfeld, MD, FACS; Marco Tomassi, MD; Kathryn Parker, MD; Raoul J. Burchette; Danielle Mandel; Oleg Ratner; Majid Ghassemi, MD. *From Kaiser Permanente, San Diego, CA*

Diagnostic and Treatment Delays of Colorectal Cancer(Crc) in a Safety-Net Hospital: The Influence of a Patient Navigator and a Colorectal Cancer Pathway on a High-Risk Population

Maxine K. Miller, MD; Guy R. Orangio, MD, FACS; Rahal Kahanda; Ondrej Blaha; Kurt G. Davis; Jeffrey S. Barton. *From Louisiana State University, New Orleans, LA*

Does Specialization Improve Colorectal Outcomes in Emergency General Surgery?

Morgan Sellers, MD; Catherine E. Sharoky, MD; Luke J. Keele, PhD; Chris Wirtalla; Emily Carter Paulson, MD; Giorgos C. Karakousis, MD, FACS; Rachel R. Kelz, MD, FACS. *From University of Pennsylvania, Philadelphia, PA*

Effect of Metastasis in the Response to Endothelin-1 of Mesenteric Arteries from Colorectal Cancer

Jose M. Ramia-Angel, MD, PhD, FACS; Eduardo Ferrero; Maria Labalde; Francisco J. Granado; Francisco J. Garcia-Borda; Pedro Yuste, MD, PhD; Ana Garcia-Villalon. *From Hospital Universitario, Madrid, Spain*

Enhanced Recovery After Surgery (ERAS) results in Enhanced Patient Satisfaction

Mark C. Horattas, MD, FACS; Sophia A. Horattas, MD; Nathan Heib, MD; Stephen Brandstetter, MD; Kelly Bahr; Jim Reissig. *From Cleveland Clinic Akron General, Akron, OH*

Implementation of Laparoscopy in Colorectal Surgery—An Evaluation of Advanced Laparoscopic Surgeons

Gabriela Stepinska; Andrzej Kwiatkowski. *From Medical University of Warsaw, Warsaw, Poland*

Station 2

MODERATORS:

Judy Yih-Ru Chen, MD, FACS, Seattle, WA

Natan Zundel, MD, FACS, FASMB, North Miami Beach, FL

Bariatric Surgery in the Elderly: An Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) Database

Ivy N. Haskins, MD; Xiangyu Kuang; Richard Amdur, PhD; Paul P. Lin, MD, FACS; Khashayar Vaziri, MD, FACS. *From George Washington University, Washington, DC*

Is There a Benefit to Preoperative IVC Filter Placement in Bariatric Patients? An Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)

Ivy N. Haskins, MD; Xiangyu Kuang; Richard Amdur, PhD; Paul P. Lin, MD, FACS; Khashayar Vaziri, MD, FACS. *From George Washington University, Washington, DC*

Meta-Analysis of Conversion Laparoscopic Sleeve Gastrectomy vs. Roux-en-Y Gastric Bypass for Failed Gastric Banding

Randal Zhou, MD; Jennifer Poirier, PhD; Alfonso Torquati, MD, FACS; Philip A. Omotosho, MD, FACS. *From Rush University Medical Center, Chicago, IL*

Outcomes of Laparoscopic Heller-Dor for Achalasia: Comparison of Sub-Classification Using High-Resolution Manometry

Se Ryung Yamamoto; Fumiaki Yano; Kazuto Tsuboi; Masato M.H. Hoshino, MD; Shunsuke Akimoto, MD; Katsunori K.N. Nishikawa, MD, FACS; Nobuo Omura; Hideyuki Kashiwagi; Katsuhiko Yanaga, MD, PhD, FACS. *From The Jikei University School of Medicine, Tokyo, Japan*

Paraesophageal Hernia Repair with Synthetic Mesh: A Single-Institutional Experience

Abhishek Parmar, MD; Joseph Drosdeck, MD; John Marquart; Brett C. Sheppard, MD, FACS; John G. Hunter, MD, FACS; James P. Dolan, MD, FACS. *From Oregon Health and Science University, Portland, OR*

The Effect of Roux-en-Y Reconstruction on DM and Nonalcoholic Fatty Liver Disease (NAFLD)/ Nonalcoholic Steatohepatitis

Hideya Kashiwara, MD; Kozo Yoshikawa, MD, FACS; Jun Higashijima; Masaaki Nishi, MD, PhD, FACS; Chie Takasu, MD, PhD, FACS; Mitsuo Shimada. *From Tokushima University, Tokushima City, Japan*

A Population-Based Study of Early Postoperative Outcomes in Patients Undergoing Bariatric Surgery with Congestive Heart Failure

Andrew Strong, MD; Gautam Sharma, MD; Chao Tu; Ali Aminian, MD; John Rodriguez, MD; Matthew D. Kroh, MD, FACS. *From Cleveland Clinic, Cleveland, OH*

Comparison of Outcomes of Bariatric Surgery vs. Medical Therapy in the Management of Adult Patients with Class I Obesity

Cecil Kenneth C. de Guzman, MD; Linnelle T. Lao. *From Chinese General Hospital and Medical Center, Manila, Philippines*

Hiatal Hernia Repair with Bio-Resorbable Mesh is Associated with a Low Hernia Recurrence Rates at Two Years

Evan T. Alicuben, MD; Steven R. DeMeester, MD, FACS. *From University of Southern California, Los Angeles, CA*

Station 3

MODERATORS:

Edward E. Whang, MD, FACS, *Boston, MA*

John Joseph Kelly, MD, FACS, *Worcester, MA*

Laparoscopic Subtotal Gastrectomy for Advanced Gastric Cancer: Technical Aspects and Surgical, Nutritional, and Oncological Outcomes

Masaya Nakauchi, MD; Koichi Suda, MD, PhD, FACS; Susumu Shibasaki, MD; Yoshinori Ishida, MD; Kazuki Inaba, MD; Ichiro Uyama, PhD. *From Fujita Health University, Toyoake, Japan*

Long-Term Outcome of Bariatric Surgery in Morbidly Obese Adolescents: A Systematic Review and Meta-Analysis of 917 Patients with a Minimum of Three Years Follow-Up

Saeed Shoar; Catherine Wong; Jun L. Levine; Zhamak Khorgami, MD. *From The Brooklyn Hospital Center, Brooklyn, NY*

Metabolic Duodenal Switch: The Old is New Again

Nilton T. Kawahara, MD, PhD, FACS; Clarissa Alster-Vicente, MD, PhD; Akemi Koyaishi, MD; Alfredo L. Jacomo, MD, PhD. *From Sirio Libanes, Topographic Anatomy Division-University of Sao Paulo Medical School, Sao Paulo, Brazil*

Paraesophageal Hernia Repair with Synthetic Mesh:

A Single-Institutional Experience

Abhisek D. Parmar, MD; Joseph Drosdeck, MD; John Marquart; Brett C. Sheppard, MD, FACS; John G. Hunter, MD, FACS; James P. Dolan, MD, FACS. *From Oregon Health and Science University, Portland, OR*

The Role of Mesh in Component Separation:

A Meta-Analysis

Stephanie Scurci, MD; Jess Buicko, MD; Kandace Kichler. *From University of Miami-Palm Beach Regional Campus, Palm Beach, FL*

Esophageal Reconstruction with Supercharged Jejunal Interposition: A Reliable Intervention for Establishing Esophageal Continuity in a Pediatric Population

Joseph M. Firriolo, MD; Ingrid M. Ganske, MD; Amir H. Taghinia, MD, MPH; Thomas E. Hamilton, MD; Jason Smithers, MD; Joseph Upton III, MD; Russell W. Jennings, MD; Brian I. Labow, MD. *From Boston Children's Hospital, Harvard Medical School, Boston, MA*

Comparing the Utility of Head and Facial Computed Tomography Scans in Identifying Operative Facial Fractures

Joseph A. Ricci, MD; Bao N. Tran, MD; Qing Z. Ruan, MD; Dhruv Singhal, MD; Bernard T. Lee, MD, MPH, MBA. *From Beth Israel Deaconess Medical Center, Boston, MA*

Flap Reconstruction of Rectovaginal and Rectourethral Fistulas: A 20-Year Experience

Jeremie D. Oliver; Nho V. Tran, MD; Erik Hokenstad, MD. *From Mayo Clinic, Rochester, MN*

Predictors of In-Hospital Mortality in Geriatric Patients Presenting with Subdural Hematoma

Katherine Florecki, MD; Lauren H. Smith; Neda Amini, MD; Marcie Feinman, MD, FACS; Jennifer Berkeley, MD. *From Sinai Hospital of Baltimore, Baltimore, MD*

The Rockwood Frailty Score Predicts Mortality Following Falls in Octogenarians

Chad M. Hall, MD; Shannon Essler; Yolanda Munoz-Maldonado, PhD; Scott Wieters, MD; Dorian Drigalla, MD; Keith Stone, MD; Justin L. Regner, MD, FACS. *From Baylor Scott & White Medical Center, Temple, TX*

Station 4

MODERATORS:

Ahmed Suliman, MD, *San Diego, CA*

Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

AMD3100 (Plerixafor) as a Single-Dose Stem Cell Mobilizing Agent in Vascularized Composite Tissue Allograft (VCA) Transplantation in a Canine Haploidentical Model

Bruce J. Swearingen, MD; Scott S. Graves, PhD; Rainer Storb, MD; David W. Mathes, MD, FACS. *From University of Colorado Anschutz Medical Campus, Aurora, CO, Fred Hutchinson Cancer Research Center, Seattle, WA*

Fat Graft Retention Decreases with Recipient Age

Cristhian F. Montenegro; John Flacco; Natalie N. Chung; Dre M. Irizarry, MD; Elizabeth A. Brett; Charles P. Blackshear, MD; Dung Nguyen, MD, PharmD; Michael T. Longaker, MD, MBA, FACS; Derrick C. Wan, MD, FACS. *From Stanford University, Stanford, CA*

Cellular Mechanisms Underlying Regeneration in Mandibular Distraction Osteogenesis

Ryan C. Ransom; Tripp Leavitt; Matthew P. Murphy, MB, BCh, BAO, MRCSI; Owen Marecic; Michael Lopez; Clement D. Marshall, MD; Leandra A. Barnes; Derrick C. Wan, MD, FACS; Charles K. Chan, PhD; Michael T. Longaker, MD, MBA, FACS. *From Stanford University, Stanford, CA*

Outcomes of Sternal Rigid Plate Fixation from 2005-2014 Using the ACS National Surgical Quality Improvement Program®

Bao Ngoc N. Tran, MD; Parisa Kamali, MD; Dhruv Singhal, MD; Bernard T. Lee, MD, MBA, MPH, FACS; Eugene Y. Fukudome, MD. *From Beth Israel Deaconess Medical Center, Boston, MA*

Lengthening Temporalis Myoplasty Versus Free Gracilis Muscle Transfer With Cross Face Nerve Graft for Long-Standing Facial Paralysis in Children: An Objective Measure of Outcomes Using Oral Commissure Excursion

Kristin Faschan, MD; Daniel Mazzaferro; Oksana Jackson, MD; Scott Bartlett, MD; Phuong D. Nguyen, MD. *From The Children's Hospital of Philadelphia, Philadelphia, PA*

Keloid Excision and Adjuvant Treatment: A Systematic Review and Network Meta-Analysis

Charalampos Siotos, MD; Hwanhee Hong, PhD; Aka-chimere Uzosike; Stella M. Seal; Gedge D. Rosson, MD; Carisa M. Cooney, MPH; Damon Cooney, MD. *From Johns Hopkins University, Baltimore, MD*

Somatic PIK3CA Mutations are Present in Multiple Tissues of Facial Infiltrating Lipomatosis

Javier A. Couto; Dennis J. Konczyk; Matthew P. Vivero; Harry P.W. Kozakewich, MD; Joseph Upton, MD; Xi Fu, MD; Bonnie L. Padwa, MD, FACS; John B. Mulliken; Matthew L. Warman, MD; Arin K. Greene, MD, FACS. *From Boston Children's Hospital, Boston, MA*

Perioperative Outcomes of Flap Coverage for Pressure Ulcers Using the ACS National Surgical Quality Improvement Program®

Bao Ngoc N. Tran, MD; Parisa Kamali, MD; Dhruv Singhal, MD; Bernard T. Lee, MD, MBA, MPH, FACS; Eugene Y. Fukudome, MD. *From Beth Israel Deaconess Medical Center, Boston, MA*

Abdominal Contouring Outcomes in Patients with Class III Obesity: An Analysis Using the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Database

Gustavo A. Rubio, MD; Husain T. AlQattan, MD; Leela S. Mundra; Seth R. Thaller, MD, FACS. *From University of Miami Leonard M. Miller School of Medicine, Miami, FL*

Predictors of Complications Following Autologous Breast Reconstruction: Patient Age and Outcome

Radbeh Torabi, MD; Matthew Bartow; Mark W. Stalder, MD; Charles Dupin; Hugo St. Hilaire, MD, DDS. *From Louisiana State University Health Sciences Center, New Orleans, LA*

Reduced Pain Intensity and Opioid Consumption for 96 Hours after Abdominoplasty Following Administration of HTX-011: a Proprietary, Extended-Release Combination of Bupivacaine and Meloxicam

David Leiman, MD; Harold S. Minkowitz, MD; Sanjay S. Patel, PhD; Guy Boccia; Alice Chu; Linda Heiner; Mary Rose Keller; Erol Onel, MD. *From Memorial Hermann-Memorial City Medical Center, Houston, TX*

Station 5

MODERATORS:

Selwyn Rogers, MD, MPH, FACS, *Chicago, IL*
Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Medical Malpractice in Lower Gastrointestinal Endoscopy: A Review of Case Law

Mohamed D. Ray-Zack, MB, BS; Asad J. Choudhry, MB, BS; Moustafa Younis, MB, BS; George B. Saffouri, MD; Nadeem N. Haddad, MD; Matthew Hernandez, MD; Louis M. Wong Kee Song, MD; Martin D. Zielinski, MD, FACS. *From Mayo Clinic, Rochester, MN*

Parental Satisfaction with Same-Day Discharge after Laparoscopic Appendectomy for Uncomplicated Appendicitis

Sandra H. Ngo; Kristin Gee, MD; Lorrie S. Burkhalter; Alana L. Beres, MD, FACS. *From University of Texas Southwestern, Dallas, TX*

Surgical Outpatient Care Reduces Avoidable Emergency Department Visits Among Trauma Patients

Meesha Sharma, MD, MPH; Stephanie L. Nitzschke, MD, FACS; Muhammad A. Chaudhary, MD; Daniel J. Sturgeon; Eric Goralnick, MD; Ali Salim, MD, FACS; Tracey Koe-hlmoos, PhD; Adil H. Haider, MB, BS, FACS; Andrew J. Schoenfeld, MD. *From Brigham and Women's Hospital, Boston, MA, Uniformed Services University of the Health Sciences, Bethesda, MD*

The Potential Value of Choosing Wisely in Surgery

Lucas W. Thornblade, MD; Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), FRCS(Hon), FRCSEd(Hon); David R. Flum, MD, FACS. *From University of Washington, Seattle, WA*

YouTube Is Not a Useful Source of Information on Cholecystectomy: A Content Analysis

Ayaz M. Khawaja, MD; Gabriel E. Rodriguez; Maira Mirza; Hassan Aziz, MD. *From Massachusetts General Hospital, Boston, MA*

Risk Factors for Deliberate Self Harm after Major Operative Procedures

Charlotte M. Rajasingh; Lakshika Tennakoone; David A. Spain, MD, FACS; Kristan L. Staudenmayer, MD. *From Stanford University, Stanford, CA*

A Matter of Location: Ventilation-Associated Pneumonia in Freestanding Children's Hospitals vs. Non-Children's Hospitals

Aline Branca, MD; Vishal Gunnala; Erin Garvey; Justin H. Lee, MD. *From Phoenix Children's Hospital, Phoenix, AZ*

Access to Bariatric Surgery: A Statewide Report on Wait Times for the Surgical Treatment of Morbid Obesity

Rafael Alvarez, MD; Ruth B. Cassidy; Aaron J. Bonham; Colleen M. Buda; Oliver A. Varban, MD, FACS. *From University of Michigan, Ann Arbor, MI*

Station 6

MODERATORS:

Cassandra Kelleher, MD, FACS, *Boston, MA*Christopher S. Muratore, MD, *Providence, RI***Short-Term Outcomes in Children Undergoing Restorative Proctocolectomy With Ileal Pouch-Anal Anastomosis**Katerina Dukleska, MD; Erin A. Teeple, MD; Allison A. Aka, MD; Charles D. Vinocur, MD; Loren Berman, MD. *From Thomas Jefferson University Hospitals, Philadelphia, PA, Nemours-Alfred I. duPont Hospital for Children, Wilmington, DE***The Breaking Point-Rib Fracture Risk Stratification in Pediatric Patients**Tianyi Swartz; Arpana Jain, MD; Muhammad Khan, MD; Fahad S. Ahmed, MD; Terence O' Keeffe, MB ChB, FACS; Gary A. Vercruysse, MD; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ***Transmembrane G Protein-Coupled Receptor (TGR5) May Oppose the Effects of Nuclear Farnesoid X Receptor (FXR) in the Intestine**Michael U. Mallicote, MD; Oswaldo H. Escobar; Avafia Dossa, MD; Christopher P. Gayer, MD, PhD, FACS. *From Children's Hospital Los Angeles, Los Angeles, CA***Trends in Mortality and Risk Characteristics of Neonates with Congenital Diaphragmatic Hernia Prior to Extracorporeal Membrane Oxygenation**Patrick Delaplaine, MD; Lishi Zhang; Yanjun Chen; Danh V. Nguyen, PhD; John P. Cleary, MD; Peter T. Yu, MD; Henri R. Ford, MD, FACS; Yigit S. Guner, MD, FACS. *From University of California, Irvine, Children's Hospital of Orange County, Orange, CA***Veno-Venous Extracorporeal Membrane Oxygenation (ECMO) for Pediatric Acute Respiratory Failure: Does Early Initiation Improve Outcomes?**Eric H. Rosenfeld, MD; Cole Begman; Oluyinka O. Olutoye, MD, PhD; Bindi J. Naik, MD. *From Texas Childrens Hospital, Houston, TX***Circumcision: As Safe as We Think?**David C. Chang, PhD; Ya-Ching Hung, MD; Isobel H. Marks; Peter T. Masiakos, MD, FACS; Cassandra M. Kelleher, MD, FACS. *From Massachusetts General Hospital, Boston, MA***Minimally Invasive Surgery for the Treatment of Inguinal Hernias In Children: A Diagnostic-Therapeutic Pathway**Jose M. Ramia-Angel, MD, PhD, FACS; A. Aneiros; Indalecio Cano; A. Garcia; Pedro Yuste, MD, PhD; Eduardo Ferrero. *From Hospital 12 de Octubre, Madrid, Spain***Necrotizing Enterocolitis Induces Changes in Intestinal Epithelial Tight Junctions**Guillermo Ares, MD; Douglas R. Wood; Carrie Y. Yuan; Catherine J. Hunter, MD. *From Lurie Children's Hospital of Chicago, University of Illinois at Chicago, Northwestern University, Chicago, IL***Prehospital and Trauma Center Glasgow Coma Scale Scores are Frequently Discordant in Pediatric Traumatic Brain Injury Patients**Joseph D. Drews, MD; Junxin Shi, MD, PhD; Krista K. Wheeler; Eric A. Sribnick, MD, PhD; Rajan K. Thakkar, MD. *From Nationwide Children's Hospital, Columbus, OH***Rapid Resolution of Hyperammonemia in Neonates Using Extracorporeal Membrane Oxygenation as a Platform to Drive Hemodialysis**Jamie R. Robinson, MD; Patricia Costacurta; Daphne Hardison; Rizwan Hamid, MD, PhD; Peter H. Grubb, MD; John B. Pietsch, MD, FACS; Harold N. Lovvorn III, MD. *From Vanderbilt University Medical Center, Nashville, TN*

SF08 | 2:30-4:00 pm

e-Poster Rounds II

(GEN, EDU, TRA)

LOCATION: 6A

Station 1

MODERATORS:

Catherine M. Wittgen, MD, FACS, *Saint Louis, MO*Michael S. Nussbaum, MD, FACS, *Roanoke, VA***A Microanalysis of Intracorporeal Video from a Robotic Surgery: Investigation into a Surgeon's Professional Vision**Courtney A. Green, MD; Hueylan Chern, MD; Ankit Sarin, MD; Patricia O'Sullivan. *From University of California, San Francisco, San Francisco, CA***Pre-Clerkship Surgical Curriculum Taught by Senior Medical Students can Significantly Augment Students' Learning Experience**Jason J. Han; Elijah W. Riddle, MD; Gabriella Tortorello; Andrew Becker, MD; Dennis F. Hiller; Kristoffel R. Dumon, MD; Carla S. Fisher, MD, FACS; Cary B. Aarons, MD, FACS; Thane A. Blinman, MD, FACS; Ari D. Brooks, MD, FACS. *From Hospital at the University of Pennsylvania, Perelman School of Medicine at the University of Penn, Children's Hospital of Philadelphia, Philadelphia, PA***Residents Leading Quality: A Opportunity for Education**Morgan Sellers, MD; Elizabeth A. Bailey, MD; Mehresh Khalid; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS; Rachel R. Kelz, MD, FACS. *From University of Pennsylvania, Philadelphia, PA***Resident and Attending Impressions of a Novel Electronic Tool for the Recording of Surgical Morbidity and Mortality Case Data, the Preparation of Case Presentations, and Resident Evaluation**Kane A. Genser, MD; Anthony C. Antonacci, MD, FACS; Jeffrey M. Nicastro, MD; Gene F. Coppa, MD, FACS. *From Hofstra Northwell School of Medicine, New Hyde Park, NY***Fatal Aspiration: Who, Why, Where, and When?**Andrea L. Lubitz, MD; Thomas A. Santora, MD, FACS; Abhijit S. Pathak, MD, FACS; Jonathan A. Shinefeld; Amy J. Goldberg, MD, FACS; Henry A. Pitt, MD, FACS. *From Temple University Hospital, Philadelphia, PA***High Incidence of Neoplasm Found Following Interval Appendectomy for Complicated Appendicitis**Kathleen M. Relihan, MD; Karen Safcsak; Joseph A. Ibrahim, MD, FACS; Michael L. Cheatham, MD; William S. Havron, III, MD, FACS. *From Orlando Regional Medical Center, Orlando, FL*

Nationwide Comparison of Readmission Rates and Associated Risk Factors after Laparoscopic and Open Ventral Hernia Repairs

Michael Lopez, DO; Jessica L. Buicko, MD; Joshua Parreco, MD. *From University of Miami, Atlantis, FL*

Proportion and Trends of Groin Hernia Repairs Performed for Recurrence in the U.S.

Brittany Murphy, MD; Jianying Zhang, MD, MPH; Daniel S. Ubl, MPH; Elizabeth B. Habermann, PhD, MPH; David R. Farley, MD, FACS; Keith H. Paley, MD, FACS. *From Mayo Clinic, Rochester, MN, Medtronic, Mansfield, MA*

Readmission Patterns at 30 and 90 Days after Esophagectomy: A Single NCI-Designated Cancer Center Experience

Molly A. Conroy; James P. Dolan, MD, FACS; Emile Latour; Jeong Y. Lim, PhD; Steve Siegal, MD; Paul H. Schipper, MD, FACS; Brandon H. Tieu, MD, FACS; John G. Hunter, MD, FACS. *From Oregon Health and Science University, Portland, OR*

The Impact of Fast-Track Protocols in Upper Gastrointestinal Surgery: A Meta-Analysis

Charalampos Siotos, MD; Konstantinos E. Stergios, MD; Androniki Naska, PhD; Maximos Frountzas; Vasilios Pergialiotis, MD, PhD; Despina N. Perrea, PhD; Nikolaos Nikiteas, MD, PhD. *From Johns Hopkins University, Baltimore, MD, National and Kapodistrian University of Athens, Athens, Greece*

Station 2

MODERATORS:

Michael Malinowski, MD, *Brookfield, WI*
Valentine Nfonso, MD, FACS, *Tucson, AZ*

Trauma Outreach In the Prehospital Setting: Pre-and Post-Training Confidence With Hemorrhage Control

Katherine Ross; James Bardes, MD; Morgan Schellenberg, MD, MPH; Daniel Grabo, MD; Kenji Inaba, MD, FACS, FRCS; Aaron M. Strumwasser, MD; Demetrios Demetriades, MD, PhD, FACS. *From Los Angeles County and University of Southern California, Los Angeles, CA*

Prevalence of Work-Related Musculoskeletal Injuries Among At-Risk Physicians: A Systematic Review and Meta-Analysis

Sherise Epstein; Bao Ngoc N. Tran, MD; Qing Z. Ruan, MD; Dhruv Singhal, MD; Bernard T. Lee, MD, MBA, MPH, FACS. *From Beth Israel Deaconess Medical Center, Harvard T.H. Chan School of Public Health, Boston, MA*

Building a Surgery Department Research Core Team to Support Surgical Investigators

Scott A. LeMaire, MD, FACS; Barbara W. Trautner, MD, PhD; Todd K. Rosengart, MD, FACS. *From Baylor College of Medicine, Houston, TX*

Self-Efficacy, Gender, and Residents' Performance

Laurel Milam; Claudia Mueller, PhD, MD; Geoffrey Cohen, PhD; Arghavan Salles, MD, PhD. *From Stanford Health Care, Stanford, CA*

Detailed Assessment of an Inanimate Pig Stomach Endoscopic Submucosal Dissection Training Model

Abhinit D. Shah, MB, BS; Erica Pettke, MD; Xiaohong Yan, PhD; Geoff Bellini, MD; Elie Suttton, MD; Vesna Cekic; Chandana H. Mudiyanse, PhD; Nipa D. Gandhi, MD; Richard L. Whelan, MD, FACS, FASCRS. *From Mount Sinai West Hospital, New York, NY*

Put a Number on It: Improving Objectivity and Transparency in the Medical Student Surgery Clerkship Evaluation Process

Anne Onishi, MD; Aubrie Swan Sein, PhD; Henry Park, PhD; Catherine McManus, MD; Roman Nowygrod, MD, FACS. *From Columbia University College of Physicians & Surgeons, New York, NY*

Top 100 Most-Cited Papers in the *Journal of American College of Surgeons*

Jose M. Ramia, MD, PhD, FACS, FRCS; Alba Manuel; Roberto De la Plaza; Aylhin Lopez-Marcano; Vladimir Arteaga. *From Hospital Universitario de Guadalajara, Guadalajara, Spain*

Development and Validation of the Assessment Tool for the Education of Laparoscopic Gastrectomy: Multicenter Study

Yo Kurashima, MD, PhD, FACS; Hidehiko Kitagami; Koichi Teramura, MD; Yusuke Watanabe, MD; Saseem Poudel, MD; Yuma Y.E. Ebihara, MD, PhD; Soichi Murakami; Toshiaki Shichinohe, MD, PhD; Satoshi Hirano, MD, PhD, FACS. *From Hokkaido University, Sapporo, Japan*

A Vascular Anastomosis Simulation Can Provide A Safe and Effective Environment for Resident Skills Development

Alicia A. Heelan Gladden, MD; Kendra D. Conzen, MD; Michael J. Bengue; Peter T. Kennealey, MD, FACS. *From University of Colorado, Aurora, CO*

Leaders are Made, Not Born: A Leadership Development Curriculum for General Surgery Residents

Tejal Pandya, MD; Rachel Dirks, PhD; Amy Kwok, MD, FACS. *From University of California, San Francisco-Fresno, Fresno, CA*

Station 3

MODERATORS:

O. Joe Hines, MD, FACS, *Los Angeles, CA*
Pardon R. Kenney, MD, FACS, *Boston, MA*

Racial Disparities in Patients with Necrotizing Fasciitis: A Nationwide Analysis

Muhammad Khan, MD; Narong Kulvatunyou, MD, FACS; Fahad S. Ahmed, MD; Asad Azim, MD; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Arpana Jain, MD; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Retrospective Analysis of Non-Specific Indicators of Intestinal Ischemia, and the Correlation to Surgical Intervention in Small Bowel Obstruction Patients

Jace Franko; Colleen M. Trevino, PhD; Travis P. Webb, MD, FACS. *From Medical College of Wisconsin, Milwaukee, WI*

A Novel Rapidly Biodegradable Implantable Elastomeric Visceral Shield for Safe and Efficient Abdominal Fascial Closure

Omer Kaymakcalan, MD; Julia L. Jin; Nicole G. Ricapito, PhD; Zhexun Sun; Sarah J. Karinja; Andrew I. Abadeer; Jaime L. Bernstein; David A. Putnam, PhD; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY, Cornell University, Ithaca, NY*

Are We Staying Classy? An Effort to Improve the Accuracy of Documented Surgical Wound Classifications

Ryan Chupp, MD; Elango Edhayan, MB, BS, FACS. *From St. John Hospital & Medical Center, Detroit, MI*

Association Between Admission Hyponatremia and Adverse Outcomes in Patients Undergoing Appendectomy for Acute Appendicitis

George Singer, MD; Dennis Y. Kim, MD, FACS; Christian de Virgilio, MD, FACS; Ashkan Moazzez, MD, MPH, FACS. *From Harbor-UCLA Medical Center, Torrance, CA*

Cholecystectomy in the Extreme Elderly: Emergent vs. Nonemergent Outcomes

Bradley C. Gordan, DO; Jacqueline Wu, MD; Paul Visintainer, PhD. *From Baystate Medical Center, Springfield, MA*

Comparative Analysis of Robot-Assisted Minimally Invasive vs. Open Transversus Abdominis Release Outcomes in Abdominal Wall Reconstruction

Sameer Alrefai, MD; Micah Mabe; Michelle Vy; Paul Del Prado, MD; Natasha L. Clingempeel; James G. Bittner, IV, MD, FACS. *From Virginia Commonwealth University, Richmond, VA*

Does Concomitant Organ Resection Compromise Elective Herniorrhaphy Results? An American Hernia Society Quality Collaborative (AHSQC) Analysis

Justin A. Doble, MD; Eric M. Pauli, MD; Li-Ching Huang, PhD. *From Penn State Milton S. Hershey Medical Center, Hershey, PA, Vanderbilt University Medical Center, Nashville, TN*

Effect Modification of Dementia on Treatment Outcomes for Acute Surgical Conditions

Catherine E. Sharoky, MD; Morgan Sellers, MD; Luke J. Keele, PhD; Christopher J. Wirtalla; Phillip M. Dowzicky, MD; Daniel N. Holena, MD, FACS; Rachel R. Kelz, MD, FACS. *From University of Pennsylvania, Philadelphia, PA*

Evidence-Based Analysis of Technical Variations in the Repair of Umbilical Hernias

Pascal G. Bortz, MD; Jonathan C. Vo, MD; Bishoy L. Zakhary, MPH; Edmund C. Burke, MD, FACS; Peter Edpao, MD; Emilio Alonso, MD. *From Riverside University Health Systems, Moreno Valley, CA Kaiser Permanente Riverside Medical Center, Riverside, CA*

Station 4

MODERATORS:

Thomas Clancy, MD, FACS, *Boston, MA*

Serum Albumin: a Good Indicator of 28-Day Mortality in Acute Pancreatitis

Shoukang Li, MD; Heshui Wu, MD, PhD; Yushun Zhang, MD. *From Wuhan Union Hospital, Wuhan, China*

Plasma miRNAs Effectively Distinguish Patients with Pancreatic Cancer From Controls: A Multicenter Study

Zhe Cao, MD; Mengyu Feng, MD; Gang Yang; Taiping Zhang. *From Peking Union Medical College Hospital, Beijing, China*

Variations in Laparoscopic Left Lateral Sectionectomy of the Liver

Shoichi Irie, MD; Takeaki Ishizawa, MD, PhD, FACS; Yoshihiro Mise, MD, PhD; Hironori Ito; Yosuke Inoue, MD, PhD; Yu Takahashi; Akio Saiura. *From Japanese Foundation for Cancer Research, Tokyo, Japan*

Laparoscopic Formal Right and Left Hepatectomy vs. Open Approach: A Propensity Score Matching Analysis

Giammauro Berardi, MD, FACS; Francesca Tozzi; Maaïke Vierstraete, MD; Roberto Montalti; Luis Abreu de Carvalho; Roberto Troisi. *From Gent University Hospital and Medical School, Gent, Belgium*

Biliary Tract Cancer: Patient Selection for Adjuvant Chemotherapy and Radiation—A National Cancer Database Analysis

Ioannis T. Konstantinidis, MD; Zeljka Jutric; Philip H.G. Ituarte, PhD; Susanne G. Warner; Laleh G. Melstrom, MD, FACS; Gagandeep Singh, MD; Yuman Fong, MD, FACS. *From City of Hope National Medical Center, Duarte, CA*

Robotic Learning Curve in a Tertiary Hepatobiliary Center: University of Modena Experience

Paolo Magistri, MD; Giuseppe Tarantino, MD; Roberto Ballarin, MD, PhD; Andrea AC. Coratti, MD; Fabrizio E. Di Benedetto, MD. *From University of Modena and Reggio Emilia, Modena, Italy, Sapienza-University of Rome, Roma, Italy, Careggi University Hospital, Florence, Italy*

Prognostic Relevance of Kirsten Rat Sarcomas (KRAS) Mutational Status in Patients with Resectable Colorectal Liver Metastases and Concurrent Extrahepatic Disease

Georgios Antonios Margonis, MD, PhD; Neda Amini, MD; Nikolaos Andreatos, MD; Amar Deshwar, MD; Neda Rezaee; Stefan Buettner; Jane Wang; Kazunari Sasaki, MD; Christopher L. Wolfgang, MD, FACS; Matthew J. Weiss, MD, FACS. *From Johns Hopkins University, Sinai Hospital, Baltimore, MD*

Predicting Liver Failure in Patients Undergoing Partial Hepatectomy

Krista Haines, DO; John E. Scarborough, MD, FACS; Charles Warner-Hillard, MPH; Daniel E. Abbott, MD; Amy E. Liepert, MD, FACS; Suresh Agarwal, MD, FACS; Hee Soo Jung, MD. *From University of Wisconsin-Madison, Madison, WI*

Management of Postoperative Pancreatic Fistula: Drain Position Matters

Lavina Malhotra, MD; Monica M. Dua, MD; Julie N. Leal, MD; George A. Poultsides, MD, FACS; Jeffery A. Norton, MD, FACS; Brendan C. Visser, MD, FACS. *From Stanford University School of Medicine, Stanford, CA*

The Prognostic Value of Varying Definitions of Positive Resection Margin in Patients with Colorectal Liver Metastases

Georgios Antonios Margonis, MD, PhD; Neda Amini, MD; Jane Wang; Nikolaos Andreatos, MD; Neda Rezaee; Stefan Buettner; Amar Deshwar, MD; Kazunari Sasaki, MD; Christopher L. Wolfgang, MD, PhD; Matthew J. Weiss, MD. *From Johns Hopkins University, Sinai Hospital, Baltimore, MD*

Station 5**MODERATORS:**

George C. Velmahos, MD, PhD, FACS, *Boston, MA*
Brian Williams, MD, FACS, *Dallas, TX*

Impact of Time Spent in the Trauma Bay on Mortality Outcomes Among Level 1 Trauma Patients

Logan Adams; Jeff Dennis, PhD; Amber Tucker; Sharmila Dissanaik, MD, FACS. *From Texas Tech University Health Sciences Center, Lubbock, TX*

Predictors of Acute Kidney Injury after Exploratory Laparotomy in Trauma Patients

Tianyi Swartz; Andrew L. Tang, MD, FACS; Faisal Jehan, MD; Fahad S. Ahmed, MD; Arpana Jain, MD; Lynn M. Gries, MD; Terence O'Keeffe, MB, ChB, FACS; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Subcutaneous Emphysema in Penetrating Neck Trauma is Not Significant

Faisal Jehan, MD; Fahad S. Ahmed, MD; Terence O'Keeffe, MB, ChB, FACS; Asad Azim, MD; Arpana Jain, MD; Gary A. Vercruysse, MD, FACS; Narong Kulvatunyou, MD, FACS; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

The "Cushion Effect" is not Protective for Children Involved in Motor Vehicle Crashes

Calista Harbaugh, MD; Brianna Henderson; Peng Zhang, PhD; Brian Derstine; Sven A. Holcombe, PhD; Stewart Wang, MD, PhD; Peter F. Ehrlich, MD, FACS. *From University of Michigan, Ann Arbor, MI*

The Damage Control Surgery Golden Hour in Penetrating Torso Trauma

Ramiro Manzano Nunez, MD; Carlos A. Ordonez, MD; Michael W. Parra, MD; Juan P. Herrera Escobar, MD; Viviana Orozco Martin, MD; Wilmer Botache, MD; Jose J. Serna, MD; Cecibel Cevallos, MD; Marisol Badiel, MD, PhD; Luis L. Pino, MD. *From Fundacion Valle del Lili, Cali, Columbia*

The Tiger Country Series: Penetrating Pancreaticoduodenal Injuries, Analysis of 145 Patients from the National Trauma Data Bank® (NTDB®) 2010-2014

Bradley Phillips, MD; Lauren Turco; Ryan W. Walters, PhD; Dan McDonald; Michel Wagner, MD; David Cornell, MD; Robert Bertelotti; Devendra K. Agrawal, PhD; Robert Fitzgibbons, Jr., MD; Juan A. Asensio, MD, FACS, FCCM, FRCS (England). *From Creighton University, Omaha, NE*

The Use of Vasopressors in the Resuscitation of Massively Transfused Trauma Patients: Dogma vs. Reality

Navpreet K. Dhillon, MD; Christos Colovos, MD, PhD; James M. Tatum, MD; Gretchen M. Thomsen, PhD; Rex T. Chung, MD, FACS; Daniel R. Margulies, MD, FACS; Eric J. Ley, MD, FACS; Galinos Barmparas, MD. *From Cedars-Sinai Medical Center, Los Angeles, CA*

Do Burn Patients Have a Lower Incidence of Venous Thromboembolism Than Non-Burn Trauma Patients?

Christopher J. Burns, MD, FACS; Stephanie L. Nitzschke, MD, FACS; Kevin K. Chung, MD; Leopoldo C. Cancio, MD, FACS; Olubode A. Olufajo, MD; Wei Jiang, MD; Adil H. Haider, MB, BS, FACS; Ali Salim, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

Female Gender Is Not Protective Following Severe Traumatic Brain Injury

Parker J. Hu, MD; Patrick L. Bosarge, Jr., MD, FACS; Jeffrey D. Kerby, MD, PhD, FACS; Rindi Uhlich, MD. *From University of Alabama at Birmingham, Birmingham, AL*

Functional Independence and Long-Term Recovery after Traumatic Brain Injury

Faisal Jehan, MD; Muhammad Khan, MD; Andrew L. Tang, MD, FACS; Asad Azim, MD; Terence O'Keeffe, MB, ChB, FACS; Lynn M. Gries, MD; Narong Kulvatunyou, MD, FACS; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

What Defines the Young Uninsured Trauma Patient—Does Race Still Matter?

Stephanie H. Chang, MD; Shiliang Cao; Jacob T. Sim; Andrew H. Stephen, MD; Stephanie N. Lueckel, MD, FACS; William G. Cioffi, Jr., MD, FACS; Daithi S. Heffernan, MBBCh, FACS. *From Brown University, Alpert Medical School, Providence, RI*

Station 6**MODERATORS:**

Hasan B. Alam, MD, FACS, *Ann Arbor, MI*
Reza Askari, MD, FACS, *Boston, MA*

Geriatric Undertriage: Is It All in Your Head? Predictors of Undertriage in a Mature Trauma System

Eric Bradburn, DO, FACS; Brian W. Gross; Forrest B. Fernandez, MD; Alan D. Cook, MD, FACS; Frederick B. Rogers, MD, FACS. *From Lancaster General Health/Penn Medicine, Lancaster, PA, Reading Health System, Reading, PA, Chandler Regional Medical Center, Chandler, AZ*

Impact of Weekend Admission on Mortality and Other Outcomes Among Patients With Burn Injury: A Nationwide Analysis

Heather Peluso, DO; Marwan S. Abougergi, MD; Julie A. Caffrey, DO. *From University of South Carolina, Greenville Health System, Greenville, SC, Johns Hopkins, Baltimore, MD*

Implementation of an Adhesive Small Bowel Obstruction Protocol and the Impact on Patient Outcomes

Tracy A. VandeWater; Travis P. Webb, MD, FACS; Colleen M. Trevino, PhD. *From Medical College of Wisconsin, Milwaukee, WI*

Release of Cell-Free DNA after Hemorrhagic Shock Worsens Organ Damage

Joaquin A. Cagliani, MD; Weng-Lang Yang, PhD; Joseph McGinn, MD; Ping Wang, MD. *From Feinstein Institute for Medical Research, Elmezzzi Graduate School of Molecular Medicine, Manhasset, NY; Northwell Health, New Hyde Park, NY*

Risk Factors for Deep Venous Thrombosis and Pulmonary Embolism are Different in Both Blunt and Penetrating Trauma

Charles A. Karcutskie, MD; Sarah A. Eidelson, MD; Jonathan P. Meizoso, MD; Carl I. Schulman, MD, FACS; Nicholas Namias; Kenneth G. Proctor, PhD. *From University of Miami Leonard M. Miller School of Medicine, Miami, FL*

Selective Nonoperative Management of Pharyngoesophageal Injuries Is Safe

James M. Tatum, MD; Galinos Barmparas, MD; Navpreet K. Dhillion, MD; Daniel R. Margulies, MD, FACS; Andrew Nicol, MD, PhD; Sorin Edu, MD; Eric J. Ley, MD, FACS; Pradeep H. Navsaria, MB, ChB, FACS. *From Cedars-Sinai Medical Center, Los Angeles, CA; University of Cape Town, Cape Town, South Africa*

Variable Saline Resuscitation in a Murine Model of Combined Traumatic Brain Injury and Hemorrhage

Andrew Jung, MD; Mark Johnson; Rosalie Veile; Lou Ann Friend; Sabre Stevens-Topie; Timothy A. Pritts, MD, FACS; Amy Makley; Michael D. Goodman, MD. *From University of Cincinnati, Cincinnati, OH*

We Don't Need Full Activation: Gunshot Wounds Isolated to the Extremities Do Not Require Full Trauma Team Activations as Mandated by the American College of Surgeons

Philip Edmundson, MD; Jacob W. Roden-Foreman; Michael L. Foreman, MD. *From Baylor University Medical Center, Dallas, TX*

Acid Sphingomyelinase Inhibition Reduces the Harmful Effects of Repetitive Mild Traumatic Brain Injury

Grace Martin, MD; Richard S. Hoehn, MD; Ryan M. Boudreau, MD; Aaron Seitz, MD; Michael D. Goodman, MD; Erich Gulbins; Michael Edwards, MD. *From University of Cincinnati, Cincinnati, OH; University of Duisburg-Essen Essen, Germany*

Assessing the Association between Center Designation and Mortality after Pediatric Trauma: A Cluster Analysis Approach

Omar Z. Ahmed, MD; Yao Cheng; N. Andrew LaCombe; Jichuan Wang, PhD; Randall S. Burd, MD, PhD. *From Children's National Medical Center, Washington, DC*

Tuesday, October 24

SF20 | 9:45-11:15 am

e-Poster Rounds III

(BTR, HP, EDU)

LOCATION: 6A

Station 1

MODERATORS:

Adil H. Haider, MD, MPH, FACS, *Boston, MA*

Jonah J. Stulberg, MD, PhD, MPH, *Chicago, Illinois*

Burden of Emergency Abdominal Surgery on a Developing Country: The Importance of Quality and Cost

Hadeel A. Helmi; Mazen Hassanain, MD, FACS, PhD; Afnan Altamimi, MB, BS; Thamer Nouh, FACS, FRCSC; Murad Aljiffry, MD, FRCSC; Ghiath Al Saied, MD; Saeed A. Alsareii, MB, BS. *From King Saud University, Riyadh, Saudi Arabia*

Changes in Health-Related Quality of Life Among Older Adults with Prostate Cancer: A Case-Control Study

Gopal L. Narang, MD; Angela B. Smith, MD, FACS; Byron Jaeger, PhD; Laura Pinheiro, PhD; Lloyd J. Edwards, PhD; Raj Pruthi, MD, FACS; Matthew Nielsen, MD, FACS; Hung-Jui Tan; Bryce B. Reeve, PhD. *From University of North Carolina, Chapel Hill, NC*

Comparative Trends in Hormone Replacement Therapy and Breast Cancer Incidence in the U.S.: Does Hormone Replacement Therapy Explain Declining Breast Cancer Rates?

Francys C. Verdial, MD; Meghan R. Flanagan, MD, MPH; Benjamin O. Anderson, MD. *From University of Washington, Seattle, WA*

Comparison of Outcomes for Patients Treated by Male vs. Female Vascular Surgeons

Jessica L. Mueller; Sahael M. Stapleton, MD; Yanik J. Bababekov, MD, MPH; Daniel A. Hashimoto, MD; Laura T. Boitano, MD; Zhi Ven Fong, MD. *From Massachusetts General Hospital, Harvard Medical School, Boston, MA*

Cost Analysis of Post-Mastectomy Reconstruction:

A Comparison of Immediate Single-Stage Direct-to-Implant and Two-Stage Tissue Expander-to-Implant Breast Reconstruction with Acellular Dermal Matrix vs. Abdominal-Based Perforator Free Flap

Bao Ngoc N. Tran, MD; Dhruv Singhal, MD; Bernard T. Lee, MD, MBA, MPH, FACS. *From Beth Israel Deaconess Medical Center, Boston, MA*

Disparities in Management of Below Elbow Injuries:

A Survey of the National Trauma Data Bank®

Kayla E. Leibl; Laura V. Veras, MD; Elias K. Awad; Clay Kerby; Ankush Gosain, MD, PhD, FACS; Timothy W. King, MD, PhD, FACS, FAAP. *From University of Alabama at Birmingham, Birmingham, AL; University of Wisconsin School of Medicine, Madison, WI; University of Tennessee Health Sciences Center, Memphis, TN*

Racial Disparities in Long-Term Outcomes for Trauma Absent in a Racially Diverse, Universally Insured Population

Muhammad A. Chaudhary, MD; Meesha Sharma, MD, MPH; Daniel J. Sturgeon; Rebecca Scully, MD; Tracey Koehlmoos, PhD; Adil H. Haider, MB, BS, FACS; Andrew J. Schoenfeld, MD. *From Brigham and Women's Hospital, Boston, MA, Uniformed Services University of Health Sciences, Bethesda, MD*

Readability of Online Patient Educational Materials for Common Conditions in Pediatric, General, and Urologic Surgery Does Not Meet National Standards

Daisy Nunez; Michael W. Chu, MD; Matthew P. Landman, MD. *From Riley Hospital for Children at Indiana University Health, Indiana University School of Medicine, Indianapolis, IN*

Station 2

MODERATORS:

Carrie C. Lubitz, MD, MPH, FACS, Boston, MA
Angela B. Smith, MD, Chapel Hill, NC

Risk Prediction Models for Hospital Readmission in Surgery: A Systematic Review

Hemalkumar B. Mehta, PhD; Eric Sietloff; Sreenivas P. Veeranki, MB, BS; Sneha D. Sura; Taylor S. Riall, MD, FACS; Anthony J. Senagore, MD, FACS; James S. Goodwin, MD. *From The University of Texas Medical Branch, Galveston, TX, University of Houston, Houston, TX, The University of Arizona, Tucson, AZ*

Separating Truth from Alternative Facts: Guns, Murder, and Patterns of Violence Over Twenty Years at a Level I Urban Trauma Center

Nathan R. Manley, MD, MPH; Timothy C. Fabian, MD, FACS; John Sharpe, MD; Louis J. Magnotti, MD; Martin A. Croce, MD, FACS. *From University of Tennessee Health Science Center, Memphis, TN*

The Million Life Fighters Initiative: Innovative Prehospital Education Pedagogy: A Multi-Lingual and Multi-Institutional Study

Dinseh Vyas, MD; Joseph K. Wright; Anitha Nileschwar, MD; John Lung; Amrut Rao, MD; Sandeep Vijayan, MD; Deviprasad Shetty, MD; Adhokshak Joshi, MD. *From Texas Tech Health Sciences Center, Lubbock, TX*

A Prediction Model for 30-Day Mortality in Total Knee and Hip Arthroplasty for Patients with Osteoarthritis: A Benchmark of Reporting Quality and Performance

Alex Harris; Alfred Kuo; David Nordin; Thomas Bowe; Shalini Gupta; Nicholas Giori, MD, PhD. *From Veterans Affairs Palo Alto Healthcare System, Palo Alto, CA, Veterans Affairs San Francisco Healthcare System, San Francisco, CA, Veterans Affairs Minneapolis Healthcare System, Minneapolis, MN*

But Do We Vaccinate Them? Assessment of Current Vaccination Practices after Splenic Angioembolization In Trauma Patients

Brittany K. Bankhead-Kendall, MD; Eliza Slama, MD; Pedro Teixeira, MD; Robert B. Robinson, Jr., MD, FACS. *From St. Joseph Mercy Oakland, Pontiac, MI, University of Texas at Austin, Austin, TX*

Degree of Correlation of Estimated and Actual Surgical Time

Anant Dinesh, MD; Brian Davis-Joseph, MD. *From Harlem Hospital Center, New York, NY*

Diagnoses and Definitions Influence ACS National Surgical Quality Improvement Program® Outcomes after Hepatectomy

Elizabeth M. Gleeson, MD, MPH; William F. Morano, MD; Wilbur B. Bowne, MD, FACS; Henry A. Pitt, MD, FACS. *From Drexel University College of Medicine, Temple University School of Medicine, Philadelphia, PA*

Disparities in the Management of Lower Extremity Injuries: A Survey of the National Trauma Data Bank®

Elias K. Awad; Laura V. Veras, MD; Kayla E. Leibl; Clay Kerby; Ankush Gosain, MD, PhD, FACS; Timothy W. King, MD, PhD, FACS, FAAP. *From University of Alabama at Birmingham, Birmingham, AL, University of Wisconsin School of Medicine, Madison, WI, University of Tennessee Health Sciences Center, Memphis, TN*

Disruptions in Surgical Workflow: Perceptions and Implications

David S. Silver; Alan D. Kaye, MD, PhD; Elyse M. Cornett, PhD; Charles Fox, MD; Douglas P. Slakey, MD. *From Tulane University School of Medicine, Louisiana State University Health Science Center New Orleans, New Orleans, LA, Louisiana State University Health Science Center Shreveport, Shreveport, LA*

Dissecting Team Familiarity: The Impact of Dyad Familiarity on Turnover Time and Length of Surgery

Sarah H. Parker, PhD; Thomas Metzger; Xue Lei; Shimae Fitzgibbons, MD; Shawn D. Safford, MD, FACS; Seth Kaplan, PhD. *From Virginia Tech Carilion Research Institute, Carilion Clinic, Roanoke, VA, George Mason University, Fairfax, VA*

Station 3

MODERATORS:

Carl E. Haisch, MD, FACS, Greenville, NC
Thavam Thambi-Pillai, MBBCh, FACS, Sioux Falls, SD

Therapeutic Polymeric Nanoparticles for Tailored Gene Expression and Improved Wound Healing

Louis J. Born; Frank Lay; Eddy Salgado; Zahra Alikhassy Habibabady, MD; Aerielle E. Matsangos; Christopher Ng; Anjana Jeyaram; Steven Jay; Guy P. Marti, MD; John W. Harmon, MD, FACS. *From Johns Hopkins School of Medicine, University of Maryland School of Medicine, Baltimore, MD*

Trends in Liver Transplantation Among Older Adults with End-Stage Liver Disease

Christine Haugen, MD; Qiong Huang, MHS; Mara McAdams-DeMarco, PhD; Dorry L. Segev, MD, FACS. *From Johns Hopkins, Baltimore, MD*

Live Liver Donor Follow-Up: Fewer than Half of Centers Meet Nationally Mandated Follow-Up Requirements

Courtenay Holscher, MD; Alvin G. Thomas; Jacqueline Garonzik Wang, MD, PhD; Allan B. Massie, PhD; Dorry L. Segev, MD, FACS; Macey L. Henderson, JD, PhD. *From Johns Hopkins University, Baltimore, MD*

Transplantation of Livers from High Body Mass Index Donors and the Impact of Hepatic Steatosis on Utilization and Outcomes: National and Regional Trends Over the Past Decade

Justin A. Steggerda, MD; Darren Malinoski, MD, FACS; Daniel R. Margulies, MD, FACS; Andrew S. Klein, MD, FACS; Matthew B. Bloom, MD, FACS. *From Cedars-Sinai Medical Center, Los Angeles, CA*

Predictors of Hepatic Steatosis in Potential Deceased Adult Liver Donors

Justin A. Steggerda, MD; Catherine Bresee; Darren Malinoski, MD, FACS; Daniel R. Margulies, MD, FACS; Matthew B. Bloom, MD, FACS. *From Cedars-Sinai Medical Center, Los Angeles, CA*

Multiple Solid Organ Donations from Live Donors in the U.S.: What Do We Know?

Courtenay Holscher, MD; Sandra DiBrito, MD; Alvin G. Thomas; Allan B. Massie, PhD; Jacqueline Garonzik Wang, MD, PhD; Krista Lentine, MD, PhD; Dorry L. Segev, MD, FACS; Macey L. Henderson, JD, PhD. *From Johns Hopkins University, Baltimore, MD, St. Louis University, St. Louis, MO*

Remote Ischemic Preconditioning in Neurological Death Organ Donors: The Remote Ischemic Preconditioning in Neurological Death Organ Donors Prospective Randomized Clinical Trial

Advaith Bongu, MD; William K. Washburn, MD, FACS; Joseph B. Oliver, MD; Amy L. Davidow, PhD; Joseph Nespral, MD; Sri Ram Pentakota, MD, MPH, PhD; George Dikdan, PhD; Jacob Schwartzman, MD; Janet Lewis; Baburao Koneru, MD, MPH. *From Rutgers-New Jersey Medical School, Newark, NJ, Transplant Center, University of Texas Health Sciences Center, San Antonio, TX*

Morbidity of Burn Injuries Following Transplantation

Graham Mitro; Weikai Qu, MD, PhD; Joseph Brooks; Anthony DeLeonibus; Andrew Kostiuik; Luke Mugge; Christopher Ortiz; Alejandro Chiodo Ortiz; Jorge Ortiz, MD. *From University of Toledo College of Medicine, Toledo, OH*

Cannabis and Other Substance Use in Solid Organ Transplant Patients

Jason B. Brill, MD; Ryan J. Schutt, DO; James D. Wallace, MD; Jamie Case, PhD; Nicole Moore, MD; Christopher L. Marsh, MD, FACS; Randolph L. Schaffer, III, MD, FACS; Jonathan S. Fisher, MD, FACS. *From Scripps Green Hospital, San Diego, CA*

Station 4

MODERATORS:

Kyla P. Terhune, MD, MBA, FACS, *Nashville, TN*
Jeffrey G. Chipman, MD, FACS, *Minneapolis, MN*

Incorporating ACS National Surgical Quality Improvement Program® into Surgical Morbidity and Mortality Conference Promotes an Environment of Education, Transparency, and Accountability

Kendal M. Endicott, MD; Sara L. Zettervall, MD, MPH; R. Luke Rettig; Neerav Patel, MD; Lauri Buckley; Stanley M. Knoll, MD; Khashayar Vaziri, MD, FACS. *From George Washington University, Washington, DC*

Mandatory Counseling Sessions as Part of a Wellness Curriculum during Surgical Residency: Is There a Difference in Perceived Value Between Junior and Senior Residents?

Junko J. Ozao-Choy, MD; Ira Lesser, MD; Christine E. Dauphine, MD, FACS; Christian de Virgilio, MD, FACS; Steven L. Lee, MD, FACS; Angela L. Neville, MD, FACS. *From Harbor-UCLA Medical Center, Torrance, CA*

Skill Transference and Learning Curves in Novice Learners—A Randomized Comparison of Robotic and Laparoscopic Platforms

Kristen M. Quinn; Anahita Jalilvand, MD; Grace Chen; Sylvester Osayi, MD; Alan E. Harzman, MD, FACS; Syed G. Husain, MB, BS, FACS. *From Ohio State University Wexner Medical Center, Columbus, OH*

A Window on the American Surgical Training: Trends of International Medical Graduates in the Last 20 Years

Francisco Schlottmann, MD; Melina R. Kibbe, MD, FACS, FAHA; Jason Fine; Marco G. Patti, MD, FACS. *From University of North Carolina, Chapel Hill, NC*

Surgical Career Choices in Medical Students: Timing, Stability, and Important Factors

Roop Gill; Virgil Massey; Mary K. Kimbrough, MD, FACS; Jason S. Mizell, MD, FACS; Frederick R. Bentley, MD, FACS; Carol R. Thrush. *From University of Arkansas for Medical Sciences, Little Rock, AR*

Operative "Gametape": How Surgeons use Operative Video for Feedback

Joseph T. Church, MD; Ben D. Carr, MD; Gurjit Sandhu, PhD; Oliver A. Varban, MD, FACS. *From University of Michigan, Ann Arbor, MI*

The Current State of Surgical Ergonomics Education in Surgical Training in the U.S.

Sherise Epstein; Bao Ngoc N. Tran, MD; Qing Z. Ruan, MD; Bernard T. Lee, MD, MBA, MPH, FACS; Dhruv Singhal, MD. *From Beth Israel Deaconess Medical Center, Harvard T.H. Chan School of Public Health, Boston, MA*

Transgender Patient Care in Surgical Resident Education—A National Survey of Plastic Surgery and Urology Residency Programs

Shane Morrison, MD; Geolani W. Dy, MD; H. Jonathan Chong, MD; Nathan C. Osburn, MD; Sarah Holt, PhD; Nicholas B. Vedder, MD, FACS; Mathew Sorensen, MD; Byron D. Joyner, MD, FACS; Jeffrey B. Friedrich, MD, FACS. *From University of Washington School of Medicine, Seattle, WA*

Laparoscopic Radical Left Hemicolectomy: A Bursa Omentalis Approach Makes Splenic Flexure Mobilization Easy

Wei Wang, MD; Wenjun Xiong; Jin Wan. *From Guangdong Provincial Hospital of Chinese Medicine, Guangzhou, Guangdong, China*

Noninvasive Acute Stress Estimation in Novices during High-Fidelity Surgical Simulation

Konstantinos Georgiou, MD; Ilias Gialafos; Andreas Larentzakis. *From National and Kapodistrian University of Athens, Athens Medical School, Athens, Greece*

Station 5**MODERATORS:**

Amy N. Hildreth, MD, FACS, *Winston-Salem, NC*
 Thomas Jefferson VanderMeer, MD, FACS, *Sayre, PA*

Resident Perceptions of Important Characteristics of Laparoscopic Virtual Reality Training Systems

D. George Ormond, MD; Tess Aulet, MD; Cate Nicholas; Patrick Forgiione, MD, FACS. *From University of Vermont, Burlington, VT*

Overlapping Surgery: Prevalence, Practice, and an Outline for Change

Mara Schenker, MD; Christopher A. Staley; Robert P. Runner, MD; Thomas M. Neustein, MD; Samir Mehta, MD. *From Emory University, Atlanta, GA, University of Pennsylvania, Philadelphia, PA*

Shaping Medical Student Perceptions: A Preclinical "Summer in Surgery" Program

Rachel J. Cobos, MD, MPH; Carol R. Thrush; Timothy J. Harris; Matthew R. Smeds, MD, FACS; Frederick R. Bentley, MD, FACS; Mary K. Kimbrough, MD, FACS. *From University of Arkansas for Medical Sciences, Little Rock, AR*

Vascular Surgery Training Websites—An Evaluation of the Availability, Accessibility, and Quality of Online Content for Residency and Fellowship Applicants: Much Work Needs to be Done!

Bryant Huang; Hallie E. Baer, MD; Mark G. Davies, MD, PhD, MBA. *From University of Texas Health San Antonio, San Antonio, TX*

A New Approach to Quality and Performance Improvement (QPI) Curriculum for Surgery Residents

Erika B. Call, MD; Michelle L. Bryan, MD; Margaret Currie, MBA, PMP; JB Collins, MBA; Sydney L. Creson-Vats, MBA; Amy N. Hildreth, MD, FACS. *From Wake Forest School of Medicine, Winston-Salem, NC*

Women's Health and Cancer Rights Act: Are Providers Aware?

Rachael Essig, MD; Cristiane M. Ueno, MD. *From West Virginia University, Morgantown, WV*

Computerized Residency Interview Scheduling: A Randomized Controlled Trial of Categorical General Surgery Applicants

Heather E. Hoops, MD; Karen J. Brasel, MD, MPH; Caroline Q. Stephens; Erin M. Anderson; Liane LeBlanc; Sanjay Krishnaswami, MD. *From Oregon Health and Sciences University, Portland, OR*

Formal Didactic Training Improves Resident Understanding and Communication of Brain Death

Jeanette Zhang, MD; Andrea L. Lubitz, MD; Gweneth D. O'Shaughnessy; Andrea Reynolds; Amy J. Goldberg, MD, FACS. *From Temple University Hospital, Philadelphia, PA*

Trauma Simulation Practice after Advance Trauma Life Support (ATLS®) Instruction Improves Skills Understanding and Confidence for Surgical Trainees

Joelle Getrajdman, MD; Stanley Kalata; Melvin E. Stone, Jr., MD, FACS; Srinivas H. Reddy, MD; Sheldon H. Teperman, MD, FACS; Edward Chao, MB, BS, FACS. *From Jacobi Medical Center, Albert Einstein College of Medicine, Bronx, NY*

3-D Printed Upper Extremity Fracture Models as an Avenue for Resident Education

Dillon Arango, MD; Benjamin Clippinger, MD; Solomon Praveen Samuel; Mark Ayzenberg, MD; Katharine Woozley, MD. *From Einstein Medical Center, Philadelphia, PA*

Station 6**MODERATORS:**

Michael A. Choti, MD, FACS, *Baltimore, MD*
 Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Contemporary Analysis of Complications Associated with Biliary Stents during Neoadjuvant Therapy for Pancreatic Adenocarcinoma

Bradford J. Kim, MD; Laura R. Prakash; Nisha Narula, MD; Catherine H. Davis, MD; Thomas A. Aloia, MD, FACS; Jean Nicolas Vauthey, MD; Jeffrey E. Lee, MD, FACS; Jason B. Fleming, MD, FACS; Matthew H. Katz, MD, FACS; Ching-Wei D. Tzeng, MD, FACS. *From University of Texas MD Anderson Cancer Center, Houston, TX*

Nationwide Analysis of Costs and Outcomes of Treating Acute Cholecystitis in Patients with Portal Hypertension

Nicholas Cortolillo, MD; Joshua Parreco, MD; Rennier Martinez, MD; Christopher Puchferran, MD; Alvaro Castillo, MD. *From University of Miami Miller School of Medicine, Miami, FL*

Impact of Extremes of Body Mass Index (BMI) on Perioperative Complications in Complex Pancreatic Resections

Tommy Ivanics, MD; David S. Kwon, MD, FACS; Ilan Rubinfeld, MD, FACS. *From Henry Ford Hospital, Detroit, MI*

The Utilization and Impact of Adjuvant Therapy Following Surgical Resection in Stage I Ampullary Adenocarcinoma

Zachary Stiles, DO; Stephen W. Behrman, MD; Jeremiah L. Deneve, DO, FACS; Evan S. Glazer, MD; Paxton V. Dickson, MD, FACS. *From University of Tennessee Health Science Center, Memphis, TN*

Pancreatic Cancer Requires HSP70 in the Tumor Microenvironment for Cancer Growth

Bhuwan Giri, MB, BS; Bharti Garg, PhD; Vrishketan Sethi, MD; Shrey Modi, MB, BS; Sulagna Banerjee, PhD; Sundaram Ramakrishnan, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD. *From University of Miami, Miami, FL*

Factors Relevant to Persistent Upper Abdominal Pain after Cholecystectomy

Xu-Feng Zhang, MD, PhD; Jing Zhang, MD; Yi lv. *From The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China*

Assessment of Patient Health Literacy: An International Survey of Hepato-Pancreato-Biliary Surgeons

Manuel Castillo-Angeles, MD, MPH; Rodrigo Calvillo-Ortiz, MD; Ammara A. Watkins, MD, MPH; Danilo Acosta, MD; Carlos Chan, MD; Charles M. Vollmer Jr., MD; Tara S. Kent, MD, FACS. *From Beth Israel Deaconess Medical Center, Boston, MA*

Predictors and Outcomes of Minimally Invasive Distal Pancreatectomy Conversion

Ibrahim Nassour, MD; Michael A. Choti, MD, FACS; Matthew R. Porembka, MD; John C. Mansour, MD, FACS; Adam C. Yopp, MD, FACS; Rebecca M. Minter, MD, FACS; Sam C. Wang, MD; Patricio M. Polanco, MD. *From University of Texas Southwestern, Dallas, TX*

Pancreaticojejunostomy by Duct-to-Mucosa and Invagination Techniques Result in Similar Mortality and Pancreatic Fistula Rates

Sara L. Zettervall, MD, MPH; Jeremy L. Holzmacher, MD; Lisbi Rivas, MD; Samantha N. Olafson; Paul P. Lin, MD, FACS; Khashayar Vaziri, MD, FACS. *From George Washington University, Washington, DC*

Long-Term Impact of Pancreatectomy for Cystic Neoplasms of the Pancreas

Nicole Villafane-Ferriol, MD; Kevin P. Shah; George Van Buren, MD; Eric J. Silberfein, MD, FACS; Cary Hsu, MD, FACS; Nader N. Massarweh, MD, MPH; Hop S. Tran Cao, MD; Amy McElhany, MPH; Jose E. Mendez; William E. Fisher, MD, FACS. *From Baylor College of Medicine, Houston, TX*

SF30 | 2:30-4:00 pm

e-Poster Rounds IV

(CTS, GEN, PED)

LOCATION: 6A

Station 1

MODERATORS:

Patrick J. Javid, MD, Seattle, WA

Stefan Scholz, MD, FACS, FAAP, Pittsburgh, PA

Risk Factors For Venous Thromboembolic Events in Pediatric Surgical Patients: Defining When Prophylaxis Is Indicated

Sarah B. Cairo, MD, MPH; Hibbut-Ur-Rauf Naseem, MD; David H. Rothstein, MD, FACS. *From Women and Children's Hospital of Buffalo, State University of New York, University at Buffalo, Buffalo, NY*

Thoracoscopic Approach Provides a Safe Alternative to Open Surgery in Elective Cases For Newborns

Harold J. Leraas; Jina Kim, MD; Uttara Nag, MD; Brian Ezekian, MD; Brian C. Gulack, MD; Christopher R. Reed, MD; Henry E. Rice, MD; Elisabeth T. Tracy, MD. *From Duke University Medical Center, Durham, NC*

Blunt Pancreatic Trauma in Children: A Systematic Review and Meta-Analysis of Operative vs. Nonoperative Management

Laura F. Goodman, MD; Nicholas A. Generous; Paula L. Johns, OD; Tarek Sawas, MD; Alana L. Beres, MD, FACS. *From TH Chan School of Public Health, Boston, MA, University of Texas Southwestern, Dallas, TX, University of California Davis, Sacramento, CA*

Home Antibiotics for Perforated Appendicitis: Friend or Foe of Antibiotic Stewardship?

Kathryn T. Anderson, MD, MPH; Marisa A. Bartz-Kurycki, MD; Galit Holzmamm-Pazgal, MD; Akemi L. Kawaguchi, MD, FACS; Mary T. Austin, MD, MPH; Lillian S. Kao, MD, FACS; Kevin P. Lally, MD, FACS; KuoJen Tsao, MD, FACS. *From McGovern Medical School, Houston, TX*

Cardiac Risk and Perioperative Morbidity in Children Undergoing Gastrostomy Tube Placement

Kibleri Williams, MB, BS; Benedict C. Nwomeh, MB, BS, FACS; Tolulope A. Oyetunji, MD, MPH. *From Northwestern University, Chicago, IL, Children's Mercy Hospitals and Clinics, Kansas City, MO, Nationwide Children's Hospital, Columbus, OH*

Impact of Lymph Node Ratio on Survival of Wilms Tumor: A National Cancer Database Analysis

Omar Picado, MD; Punam P. Parikh, MD; Diana M. Lopategui, MD; Krishnamurti Rao, MD, MPH; Jun Tashiro, MD, MPH; Juan E. Sola, MD, FACS; Eduardo A. Perez, MD, FACS. *From University of Miami, Miami, FL*

Pediatric Transumbilical Laparoscopic-Assisted Appendectomy With Same-Day Discharge for Uncomplicated Appendicitis: A Better Option Than Antibiotics Alone?

Caroline W. Maloney, MD; Ibrahim Abd-El Shafy, MD; Erika B. Lindholm, MD; Alexandra C. Bolognese, MD; Samantha Ruff, MD; Michelle Kallis, MD; Aaron M. Lipskar, MD. *From Northwell Cohen Children's Medical Center, New Hyde Park, NY, Hofstra Northwell School of Medicine, Hempstead, NY*

Prospective Analysis of a Novel Ultrasound Scoring System for Pediatric Appendicitis

Anna McGuire; Christopher A. Gitzelmann, MD, FACS; Colleen Davis; Johan Blickman, MD, PhD; Kori Wolcott; Walter Pegoli, MD; James O. Sanders, MD. *From University of Rochester, Rochester, NY*

Racial and Insurance Disparities in the Utilization of Health Care Resources and Outcomes of Pediatric Patients with Inflammatory Bowel Disease

Emma C. Hamilton, MD; Charles C. Miller, III, PhD; KuoJen Tsao, MD, FACS; Kevin P. Lally, MD, FACS; Akemi L. Kawaguchi, MD, FACS; Mary T. Austin, MD, MPH. *From McGovern Medical School, Houston, TX*

Retinoids Display Minimal Impact on Glycolysis in Human Neuroblastoma Patient-Derived Xenografts

Jamie Aye, MD; Laura L. Stafman, MD; Evan F. Garner, MD; Jerry Stewart; Karina J. Yoon, PhD; Stuart L. Cramer, MD; Elizabeth A. Beierle, MD, FACS. *From Children's of Alabama/University of Alabama, Birmingham, AL*

Station 2

MODERATORS:

Haytham M.A. Kaafarani, MD, MPH, FACS, *Boston, MA*
Robert G. Sawyer, MD, FACS, *Charlottesville, VA*

Discontinuity of Patient-Provider Communication Throughout the Phases of Care: Time to Be More Patient-Centered in Trauma?

Juan P. Herrera-Escobar, MD; Alexandra Columbus, MD; Manuel Castillo-Angeles, MD, MPH; Arturo J. Rios-Diaz, MD; Christina N. Weed; George Kasotakis, MD, MPH; George C. Velmahos, MD, FACS; Ali Salim, MD, FACS; Adil H. Haider, MB, BS, FACS; Haytham M. Kaafara. *From Brigham and Women's Hospital, Massachusetts General Hospital, Boston, MA*

Efficacy of Intrapleural Thrombolysis for Treatment of Traumatic Retained Hemothorax: A Single-Center Experience

Chaitan K. Narsule, MD, FACS; Bedabrata Sarkar, MD, PhD, FACS; George Kasotakis, MD, MPH; Tejal S. Brahmbhatt, MD; Sabrina Sanchez, MD; Tracey A. Dechert, MD, FACS; Robert W. Schulze, MD, FACS; Peter A. Burke, MD, FACS. *From Boston University School of Medicine, Boston, MA*

Increasing Anatomic Injury is Associated with Increasing Cost in Acute Appendicitis

Eric J. Finnesgard; Matthew Hernandez, MD; Johnathon M. Aho, MD; Martin D. Zielinski, MD, FACS. *From Mayo Clinic, Rochester, MN*

Laparoscopic Surgery in Abdominal Trauma: Retrospective Study in a Trauma Center in Brazil

Carlos Augusto M. Menegozzo, MD; Sergio H.B. Damous, MD, FACS; Pedro H.F. Alves, MD; Celso O. Bernini, MD; Edivaldo Utiyama, MD, PhD. *From Hospital das Clinicas of the University of Sao Paulo, Sao Paulo, Brazil*

Outcomes of a Pan Scan Approach for Ground-Level Falls in the Elderly

Joshua Mark, MD; Rakesh R. Gandhi, MD, PhD; Elizabeth L. Price; Jessica Laureano Phillips; Michael Collyer, PhD; Therese M. Duane, MD, FACS, FCCM. *From John Peter Smith Health Network, Fort Worth, TX, Baylor University Medical Center, Dallas, TX*

Pediatric Stab Wounds: A 13-Year Experience

Krishnamurti A. Rao, MD; Brandon Burroway; Lawrence Blass, MD; Casey J. Allen, MD; Jun Tashiro, MD, MPH; Juan E. Sola, MD, FACS; Anthony R. Hogan, MD; Holly L. Neville, MD, FACS; Eduardo A. Perez, MD, FACS. *From University of Miami, Jackson Memorial Hospital, Ryder Trauma, Miami, FL*

Post-Traumatic Acute Lung Injury: The Role of Succinate

Geoffrey R. Nunns, MD; Anirban Banerjee, PhD; Ernest E. Moore, MD, FACS; Marguerite Kelher; Angelo D'Alessandro, PhD; Timothy A. Burke; Erik D. Peltz, DO, FACS; Angela Sawaia, MD, PhD; Christopher C. Silliman, MD, PhD. *From University of Colorado Denver, Aurora, CO, Denver Health Medical Center, Bonfils Blood Center, Denver, CO*

Risk Factors for the Development of Episodic Mood Disorders after Penetrating Trauma

Joshua Parreco, MD; Tanya L. Zakrison, MD, MPH, FACS; Rishi Rattan, MD. *From University of Miami Miller School of Medicine, Miami, FL*

Routine Collection of Long-Term Patient-Centered Outcomes after Trauma: A Multi-Institutional Experience

Juan P. Herrera-Escobar, MD; Michel Apoj; Syeda S. Al Rafai; Alyssa Harlow, MPH; Karen J. Brasel, MD, FACS; George Kasotakis, MD, MPH; Haytham M. Kaafarani, MD, FACS; George C. Velmahos, MD, FACS; Ali Salim, MD, FACS; Adil H. Haider, MB, BS, FACS. *From Brigham and Women's Hospital, Massachusetts General Hospital, Boston Medical Center, Boston, MA*

Sex Differences in Burn Injury Mortality: A Propensity Score Analysis

Laquanda Knowlin, MD; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MD, MPH, FACS. *From University of North Carolina, Chapel Hill, NC*

Station 3

MODERATOR:

Karen J. Brasel, MD, FACS, *Portland, OR*

The Effect of Body Mass Index on Outcomes Following Severe Blunt Chest Trauma

Daniel B. Alfson, MD; Jennifer T. Cone, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Lydia Lam, MD; Kenji Inaba, MD, FRCS, FACS; Demetrios Demetriades, MD, PhD. *From LA County + University of Southern California Medical Center, Los Angeles, CA*

The State of Laparoscopy in Trauma

Andres Giovannetti, MD; Blake Movitz, MD; Asfandyar Khan, MD; Samuel Kingsley, MD. *From Metropolitan Group of Hospitals General Surgery Residency, Chicago, IL*

Triage of the Found Down Patient With No External Signs of Trauma

Thomas A. Geng, Jr., DO, FACS; Amanda McNicholas; Pamela Jones; Abby McCall; Jared Zavilla; Laura A. Castor; John Patch; Alicia Sherwood; Adrian W. Ong, MD, FACS; Forrest B. Fernandez, MD, FACS. *From Reading Health System, Reading, PA*

Unintentional Firearm Injury: Epidemiology in an Urban Trauma Center

Keith R. Miller, MD, FACS; Matthew V. Bennis, MD, FACS; Annie Nagengast, MD; Matthew C. Bozeman, MD; Nicholas A. Nash, MD; Glen A. Franklin, MD; Jason W. Smith, MD; Brian G. Harbrecht, MD. *From University of Louisville, Louisville, KY*

Urology Consultation is not Necessary in Patients With Low-Grade Renal Trauma

Fahad S. Ahmed, MD; Andrew L. Tang, MD, FACS; Muhammad Khan, MD; Terence O'Keeffe, MB, ChB, FACS; Narong Kulvatunyou, MD, FACS; Lynn M. Gries, MD; Arpana Jain, MD; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Affects of Allogenic Blood Transfusion on Red Cell Distribution Width as a Predictor of Mortality and Massive Blood Transfusion in Trauma Patients

John V. Agapian, MD, FACS; Monica Camelo, MD; Bryan Love, MD; Diego I. Kriger, MD; Hayley Lee, MPH; Daniel Ludl, MD, FACS; William C. Hendra; Afshin Molkara, MD, FACS; Arnold D. Tabuenca, MD, FACS. *From University of California, Riverside; RUHS, Moreno Valley, CA, Loma Linda University, Loma Linda, CA*

Analyzing Outcomes of Trauma Patients Transferred From A Trauma Center to An HMO Hospital: Is It Safe?

Pascal G. Bortz, MD; Jonathan C. Vo, MD; Matthew Firek; Edmund C. Burke, MD, FACS; John V. Agapian, MD, FACS, FCCM; Hector D. Ludi, MD, FACS. *From Riverside University Health Systems, Moreno Valley, CA, Kaiser Riverside Permanente Medical Center, Riverside, CA*

Blunt and Penetrating Colonic Injuries: Similar Approach Yields Different Outcomes in Level I and Level II Trauma Centers

Fahad S. Ahmed, MD; Narong Kulvatunyou, MD, FACS; Faisal Jehan, MD; Asad Azim, MD; Gray A. Vercruyse; Terence O'Keefe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

Computed Tomography in Hemodynamically Abnormal Thoracoabdominal Trauma Safely Enhances Surgical Triage

John Carney; Aaron M. Strumwasser, MD; Chase Luther; Daniel Grabo; Kazuhide Matsushima, MD; Damon Clark; David R. Rosen, MD; Kenji Inaba, MD, FACS; Demetrios Demetriades, MD, FACS; Lydia Lam, MD. *From Keck School of Medicine of University of Southern California, Los Angeles, CA*

Station 4

MODERATORS:

Robert Riviello, MD, MPH, FACS, *Boston, MA*
Carolyn Jones, MD, FACS, *Rochester, NY*

Comparison of Pulmonary Lobectomies in Robotic and Video-Assisted Thoracoscopic Surgery: Results from 2010-2013 National Inpatient Sample

Zachary Glenn, DO; Muhammad H. Zubair, MB, BS; Lala R. Hussain; Kathryn O'Keefe, MD; Kevin J. Grannan, MD, FACS. *From TriHealth Good Samaritan Hospital, Cincinnati, OH*

Preoperative Scale for Determining All-Cause Readmission after Coronary Artery Bypass Surgery

Aleksander E. Zywojt; Christine S.M. Lau, MD; Subroto Paul, MD. *From St. Barnabas Medical Center, Livingston, NJ*

Real-Time Identification of In-Situ Pulmonary Nodule and Pathology Using Optical Coherence Tomography

Denis Gilmore; Giju Thomas, PhD; Anita Mahadevan-Jansen, PhD; Eric L. Grogan, MD, FACS. *From Vanderbilt University Medical Center, Nashville, TN*

The Influence of Residual Coronary Arterial Blood Flow on the Coronary Arterial Bypass Graft Evaluated by Using Near-Infrared Fluorescence Angiography

Masaki Yamamoto, MD, PhD; Hideaki Nishimori, MD, PhD; Takayuki Sato, MD, PhD; Kazumasa Orihashi, MD, PhD. *From Kochi Medical School, Nankoku, Japan*

Surgical Services at Student-Run Free Clinics: Results of a National Survey

Lillia Cherkasskiy, PhD; Ariela Haimovich; Sunny D. Smith, MD. *From University of California, San Diego, San Diego, CA*

Does the Use of Closed Suction Drains in Elective Surgical Procedures Increase Rates of Surgical Site Infections (SSI) in a Resource-Limited Setting?

Willy Fils Jean-Louis, MD; JeanLouis MacLee, MD; Andre Patrick Jeudy, MD; Neema C. Kaseje, MD. *From Hopital Universitaire Mirebalais, Partners in Health, Mirebalais, Haiti*

Multilingual and Multi-Institutional Prehospital Trauma Care Education For Both Trained and Untrained First Responders: Global Trauma Care Solution In Sight

Dinseh Vyas, MD; Joseph K. Wright; John Lung; Anitha Nileswhar, MD; Amrut Rao, MD; Sandeep Vijayan, MD; Deviprasad Shetty, MD; Adhokshak Joshi, MD. *From Texas Tech Health Sciences Center, Lubbock, TX*

Cancer and Access to Surgical Care in a Resource Limited Setting: Experience and Challenges in the Eastern Democratic Republic of Congo

Sarah B. Cairo, MD, MPH; Jacques Fadhili Bake, MD; Luc Malemo Kalisya, MD; Richard R.B. Bigabwa Bahirwe; David H. Rothstein, MD, FACS, FAAP. *From HEAL Africa, COSECSA Training Program, Goma, Congo (Democratic Republic) Women and Children's Hospital of Buffalo, State University of New York, University of Buffalo, Buffalo, NY*

Epidemiology and Access to Trauma Care Under the Unified Health System in Brazil

Julia R. Amundson; Isabelle Citron, BmBCh; Saurabh Saluja, MD; Mark G. Shrime, MD, MPH, FACS; Robert Riviello, MD, MPH; Rodrigo Vaz Ferreira, MD; Nivaldo Alonso, MD, PhD. *From Harvard Program in Global Surgery and Social Change, Boston, MA, University of Sao Paulo, Sao Paulo, Brazil*

Nuclear Disaster and Surgeon: Including the Problem of Japanese Trauma Surgeon

Yoshikura Haraguchi, MD; Tohru Tsubata, MD; Yozo Tomoyasu; Masami Hoshino, MD, PhD; Motohiro Sakai; Tetsu Ishihara. *From Disaster Medicine Compendium Team, Keiyo Hospital, Shirahigebashi Hospital, Disaster Medicine Compendium Team, Tokyo, Japan*

Station 5

MODERATORS:

Matthew I. Goldblatt, MD, FACS, *Milwaukee, WI*
David C. Brooks, MD, FACS, *Boston, MA*

Interactions Between Lymphangiogenesis and Angiogenesis during Dermal Wound Healing

Gabriella Grisotti, MD; Valerie Horsley, PhD. *From Yale University, New Haven, CT*

Is Cessation of Anti-Platelet Therapy Prior to Elective Outpatient Hernia Surgery Necessary? An Observational Study of 565 Patients

David A. Hill, MD; Tara DiNitto, MD; Anam Pal, MB, BS; Konstantin Khariton, DO; Mohamed Sleiman, MD; Michael R. Castellano, MD, FACS. *From Staten Island University Hospital, Staten Island, NY*

Is the Title Worth The Cost? The Economic Nuances of Academic Surgery

Maria R. Baimas-George; Brian Fleischer; James R. Korn-dorffer, Jr., MD, FACS; Douglas P. Slakey, MD; Christopher DuCoin, MD, MPH. *From Tulane University School of Medicine, New Orleans, LA*

Opioid Analgesia Requirements after Kugel Repair for Inguinal Hernia: A Call for Data-Driven, Procedure-Specific Opioid Prescribing Patterns

Konstantinos S. Mylonas, MD; Lauren R. Ott; Maggie L. Westfal, MD, MPH; Peter T. Masiakos, MD, FACS; Michael Reinhorn, MD, FACS. *From Massachusetts General Hospital, Boston, MA, Newton-Wellesley Hospital, Newton, MA*

Overexpression of SETDB1 is Related to Poor Outcome In Gastric Carcinoma

Wataru Okajima, MD, PhD; Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Taisuke Imamura, MD; Jun Kiuchi, MD; Keiji Nishibeppu; Eigo Otsuji. *From Kyoto Prefectural University of Medicine, Kyoto, Japan, Ayabe City Hospital, Ayabe, Japan, National Defense Medical College, Tokorozawa, Japan*

Photochemical Tissue Passivation Prevents Contracture of Full Thickness Wounds

Rachel L. Goldstein, DO; Gem Runyan; Mark A. Randolph; Michael C. McCormack, MBA; Robert W. Redmond, PhD; William G. Austen, Jr., MD. *From Massachusetts General Hospital, The Wellman Center for Photomedicine, Boston, MA*

Prevalence and Predictors of Opioid Prescription at Discharge after Emergency General Surgery

Manuel Castillo-Angeles, MD, MPH; Muhammad A. Chaudhary, MD; Meesha Sharma, MD, MPH; Wei Jiang; Andrew Schoenfeld, MD; Joaquim M. Havens, MD, FACS; Tracey Koehlmoos, PhD; Adil H. Haider, MB, BS, FACS; Ali Salim, MD, FACS; Stephanie L. Nitzschke, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

Role of Ultrasound in Evaluation and Differentiation of Benign From Malignant Thyroid Nodules Using Thyroid Imaging Reporting and Data System (TI-RADS) in a Tertiary Government Hospital

Joseph Jenu U. Sarabia, MD; Marilou N. Agno, MD; Janet L. Fabile, MD; Nilo C. Delos Santos, MD. *From East Avenue Medical Center, Quezon City, Philippines*

A Nomogram for Prediction of Mortality in Patients Who Undergo Surgery for Fulminant Clostridium Difficile Colitis: Results from the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Database

Maria Abou Khalil, MD; Sahir Rai Bhatnagar; Carol-Ann Vasilevsky, MD, FACS; Nancy A. Morin, MD, FACS; Liane S. Feldman, MD, FACS; Yves Longtin, MD; Gabriela Ghitulescu; Julio Faria; Marylise Boutros. *From Lady Davis Institute, Jewish General Hospital, Montreal, QC*

Station 6

MODERATORS:

Richard A. Hodin, MD, FACS, *Boston, MA*
Sivamainthan Vithiananthan, MD, FACS, *Providence, RI*

The Pendulum of Peptic Ulcer Disease: An Overview of National Practice

Hassan Aziz, MD; Asad Azim, MD; Narong Kulvatunyou, MD, FACS; Faisal Jehan, MD; Lynn M. Gries, MD; Mohammad Khreiss, MD; Andrew L. Tang, MD, FACS; Gary A. Vercruysse, MD, FACS; Bellal Joseph, MD, FACS. *From University of Arizona, Tucson, AZ*

The Safety of Expectant Management for Adhesive Small Bowel Obstruction: A Systematic Review

Lucas W. Thornblade, MD; Francys C. Verdial, MD; Matthew A. Bartek, MD, MPH; David R. Flum, MD, FACS; Giana H. Davidson, MD, MPH, FACS. *From University of Washington, Seattle, WA*

Trametinib Prevents Mesothelial-Mesenchymal Transition and Ameliorates Abdominal Adhesion Formation

Deepika Koganti, MD; Christine E. Lotto, MD; Edward Macarak, PhD; Xiaoling Jin, MD, PhD; Anna K. Olsson, MD; Joel Rosenbloom, MD, PhD. *From Thomas Jefferson University, Philadelphia, PA*

Value Analysis in Acute Care Surgery: Evaluation of Individual Surgeon Performance for Emergent Cholecystectomy

Bryan C. Morse, MD, FACS; Rashi Jhunjhunwala; Christopher J. Dente, MD, FACS; Stacy Dougherty, MD, FACS; Jeffrey M. Nicholas, MD, FACS; Rondi B. Gelbard, MD; John F. Sweeney, MD; Amy D. Wyrzykowski, MD, FACS. *From Grady Memorial Hospital, Atlanta, GA*

25 Percent of Patients with Appendicitis and Periappendiceal Abscess Fail Percutaneous Drainage Alone and Require an Operation during the Index Hospital Stay

Isaiah R. Turnbull, MD, PhD, FACS; Christopher B. Horn, MD; Jarot Guerra, MD; Laurie J. Punch, MD; John E. Mazuski, MD, PhD; Grant V. Bochicchio, MD, MPH. *From Washington University School of Medicine, St. Louis, MO*

Cholecystitis (CC) Outcome Predicted by Platelet: White Blood Cell (P/W) Ratios and Model for End Stage Liver Disease-Sodium (MELD-Na) Score

Christina A. Del Pin, MD, FACS. *From Long Island Jewish Forest Hills, Forest Hills, NY*

Decrease of Postoperative Infection after Preoperative Vaccination With Anaerobic Toxoids (A Clinical Study of 445 Patients)

Medhat M. Khafagy, MB, BCh, FACS; Mohamed M. Salem. *From Cairo National Cancer Institute, Cairo, Egypt*

Exploring the Effect of Frailty on Postoperative Recovery in Elderly Patients Undergoing Elective Abdominal Surgery

Tarifin Sikder; Geva Maimon, PhD; Nadia Sourial; Mehdi Tahiri; Debby Teasdale; Shannon A. Fraser, MD, FACS; Sebastian V. Demyttenaere, MD, FACS; Simon Bergman, MD, FACS. *From Jewish General Hospital, McGill University, St-Mary's Hospital Center, McGill University, Lady Davis Institute for Medical Research, Montreal, QC*

90-Day Hospital Readmission After Pediatric Lower Urinary Tract Reconstructive Surgery

Alexander Small, MD; Alejandra Perez; Stanley M. Desire; Lisa Creelman; Jai Radhakrishnan, MD; Pasquale Casale, MD; Shumyle Alam, MD. *From NewYork-Presbyterian Hospital / Columbia University Medical Center, New York, NY*

The Association of Stool Burden Pattern with Pediatric Incontinence

Marc Colaco, MD; Austin G. Hester, MD; Steve Hodges, MD. *From Wake Forest University, Winston-Salem, NC*

Wednesday, October 25

SF42 | 9:45-11:15 am

e-Poster Rounds V

(CRS, OBG, TRA)

LOCATION: 6A

Station 1

MODERATORS:

Vitaliy Y. Poylin, MD, FACS, FASCRS, *Boston, MA*

Marc S. Rubin, MD, FACS, *Salem, MA*

Dehydrated Human Amnion Chorion Membrane in Colorectal Anastomoses: A Retrospective Multicenter Study
Felix R. Ortega, MD, FACS; Jeffrey Cohen, MD, FACS; Dennis Choat, MD, FACS; Emery Minnard, MD. *From Northside Hospital, Canton, GA, Piedmont Hospital, Fayetteville, GA, Jefferson Memorial Hospital, Metairie, LA*

Estimation of Physiologic Ability and Surgical Stress Scoring System Could Provide Preoperative Advice on Whether to Undergo Laparoscopic Surgery for Colorectal Cancer Patients With High Physiological Risk: A Single-Center Experience

Weihua Fu, MD, PhD; Ao Zhang, MD; Weidong Li; Liwei Zhu. *From Tianjin Medical University General Hospital, Tianjin, China*

Assessing Drivers of Hospital Cost after Colorectal Surgery Using Ileostomy Takedown As a Model
Ankit Sarin, MD; Lee-Lynn Chen, MD; Shreya Anilkumar; Emily V. Finlayson, MD, FACS; Elizabeth C. Wick, MD, FACS; Madhulika Varma, MD; Shoujun Zhao, PhD. *From University of California, San Francisco, San Francisco, CA*

Complications and Results after Liver Resection for Synchronous Colorectal Liver Metastases Comparison between Simultaneous and Staged Approach: A Single-Center Experience

Ajaree Sattaratnamai, MD; Poowanai Sarkhampee, MD; Boonchoo Sirichindakul, MD. *From King Chulalongkorn Memorial Hospital, Bangkok, Thailand*

Standardization of Surgical Procedures to Reduce Risk of Anastomotic Leakage, Reoperation, and Surgical Site Infection in Colorectal Cancer Surgery
Ken Eto, MD; Mitsuyoshi Urashima, MD, PhD, MPH; Makoto Kosuge; Masahisa Ohkuma; Kai Neki; Rota Noaki; Ryosuke Hashizume; Daisuke Ito; Hiroshi Sugano; Katsuhiko Yanaga, MD, PhD, FACS. *From Jikei University School of Medicine, Tokyo, Japan*

Systematic Implementation of a Colon Bundle Significantly Decreases Surgical Site Infections
Fiona M. Gaunay, MD; Titilayo O. Adegboyega, MD; Cesar E. Sanz, MD; Marco Berrones; David E. Rivadeneira, MD, MBA; Jason Lei, MD. *From Huntington Hospital, Northwell Health System, Huntington, NY*

Two-Day Hospital Stay after Laparoscopic Colorectal Surgery: Safe and Feasible?

Andrea Lucchi, MD, FACS; Basilio Pirrera, MD; Carlo Gabbianelli, MD; Vincenzo Alagna, MD; Giacomo Martorelli, MD; Pierluigi Berti, MD; Gianluca Garulli, MD. *From AUSL Romagna, Riccione, Italy*

Discovery and Validation of a Novel Inflammation-Based Index for Surgical Outcomes in Patients With Potentially Operable Colorectal Cancer

Tomomi Mohri, MD, PhD, FACS; Yasuhiko Mohri, MD, PhD, FACS; Hideki Itoh; Hideki Watanabe, MD, PhD; Hitoshi Tonouchi; Takashi Iwata, MD, PhD; Mikio Kawamura; Tomofumi Noguchi; Toshio Kato, MD, PhD; Eiki Ojima. *From Mie Prefectural General Medical Center, Yokkaichi, Japan, Toyama Hospital, Mie University Hospital, Tsu, Japan*

Long-Term Oncologic Outcomes of Self-Expanding Metallic Stents as a Bridge to Surgery in Malignant Left-sided Colon Obstruction Compared with Emergency Surgery
Seung Yeop Oh. *From Ajou University School of Medicine, Suwon, South Korea*

Underuse of Post-Discharge Venous Thromboembolism Prophylaxis for Patients Undergoing Major Surgery for Colorectal Cancer
Elise H. Lawson, MD; Jessica R. Schumacher, PhD; Dou-Yan Yang, PhD; Jeffrey A. Havlena; Sara Fernandes-Taylor, PhD; Caprice C. Greenberg, MD, FACS. *From University of Wisconsin-Madison, Madison, WI*

Station 2

MODERATORS:

Gregory D. Kennedy, MD, PhD, FACS, *Madison, WI*

Nelya Melnitchouk, MD, *Newton, MA*

Laparoscopic Surgery for Diverticular Colovesical Fistula
Kenji Tomizawa, MD; Shuichiro Matoba, MD; Jin Moriyama, MD; Shigeo Toda, MD; Yutaka Hanaoka, MD; Hiroya Kuroyanagi, MD, PhD. *From Toranomon Hospital, Tokyo, Japan*

The Gut Microbiota in Symptomatic Uncomplicated Diverticular Disease
Charlotte L. Kvasnovsky, MD; Lex Leong, PhD; Guy C.J. Abell, PhD; Savvas Papagrigoriadis, MD, FRCS; Kenneth D. Bruce, PhD; Geraint B. Rogers, PhD. *From King's College London, U.K., University of Maryland Medical Center, Baltimore, MD*

The Coloration of Calprotectin and Prealbumin Serum Levels in Patients with Colorectal Cancer
Marianthi Chatzikonstantinou; Georgios Chatzikonstantinou, MD, PhD, FACS; Panagiotis Konstantopoulos; Spyros Stergiopoulos; Despina Perrea; Paraskevaki Georgia; Dimitroulis Dimitris. *From National & Kapodistrian University of Athens, Athens, Greece*

The Effects of Anastomotic Leakage and Pelvic Abscess on Local Recurrence
Anne M. Dinaux; Lieve G.J. Leijssen, MD; Hiroko Kunitake, MD; Liliana G. Bordeianou, MD, FACS; David L. Berger, MD, FACS. *From Massachusetts General Hospital, Harvard Medical School Boston, MA*

The Role of Neutrophil to Lymphocyte Ratio as a Predictor of the Need for Intervention in Acute Diverticulitis
Ian S. Reynolds, MB, BCh, BAO, MCh, MRCSI; Roisin Heaney, MB, MRCSI; Waqar Khan, MB, FRCSI; Iqbal Z. Khan, MB, BS, MRCSI, FRCSI; Ronan Waldron, MCh, FRCSI; Kevin Barry, MD, FRCSI, FACS. *From Mayo University Hospital, Castlebar, Ireland, National University of Ireland Galway, Galway, Ireland*

Vasodilatation by Endothelium-Dependent Nitric Oxide of Mesenteric Arteries from Colorectal Cancer

Jose M. Ramia-Angel, MD, PhD, FACS; Eduardo Ferrero; Maria Labalde; M. Granado; Francisco J. Garcia-Borda; Pedro Yuste, MD, PhD; Ana Garcia-Villalon. *From Hospital Universitario, Madrid, Spain*

Improved Morbidity For Emergent Laparoscopic Surgery in Crohn's Disease: An Analysis Using The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Targeted Colectomy Database

Matthew D. Skancke, MD; Khashayar Vaziri, MD, FACS; Ada E. Graham, MD; Richard L. Amdur, PhD; Bindu A. Umapathi, MD; Vincent J. Obias, MD, FACS. *From George Washington University, Washington, DC*

Is Colorectal Cancer Ageist?

Ronan M. Waldron, MB, BCh, BAO; Michael E. Kelly; Brian M. Moloney, MB, MCh; Michael Waldron; Myles R. Joyce; Michael J. Kerin. *From Lambe Institute, Galway, Ireland*

Morbidity Associated with Colectomy for Cecal Volvulus: A Nationwide Analysis

H. Hande Aydinli, MD; Erman Aytac, MD; Michael J. Grieco, MD; Ajaratu Keshinro, MD; Mitchell A. Bernstein, MD, FACS; Feza H. Remzi, MD, FACS. *From New York University Langone Medical Center, New York, NY, Acibadem University School of Medicine, Istanbul, Turkey*

The Centers for Medicare & Medicaid Services (CMS) Quality Payment Program: A New Financial Conflict of Interest for Physicians

Mateusz Graca; Jason D. Keune, MD, MBA, FACS. *From St. Louis University, St. Louis, MO*

Station 3**MODERATORS:**

Shawn Rangel, MD, MSCE, FAAP, FACS, *Boston, MA*
Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

The Effect of Health Care Utilization Prior to Presentation on Perforated Pediatric Appendicitis Rates

Katherine J. Baxter, MD; Hannah TMH Nguyen; Mark L. Wulkan, MD; Mehul V. Raval, MD. *From Children's Healthcare of Atlanta, Emory University, Atlanta, GA*

Trends and Surgical Outcomes of Laparoscopic vs. Open Pyloromyotomy in the U.S.

William Kethman, MD; Alex Sox-Harris, PhD; Mary T. Hawn, MD, FACS; James K. Wall, MD. *From Stanford Health Care, Lucile Packard Children's Hospital Stanford, Stanford, CA*

Variation of Paracrine and Neuroprotective Capacities of Placental Mesenchymal Stromal Cells by Gestational Age

Sandra Kabagambe, MD; Priyadarsini Kumar, PhD; Chelsey J. Lee; Y. Julia Chen, MD; Lee Lankford; Aijun Wang, PhD; Diana L. Farmer, MD, FACS, FRCS. *From University of California, Davis, Sacramento, CA*

An Algorithm for the Workup of Suspected Appendicitis in the Era of MRI

Kristine S. Corkum, MD; Tolulope A. Oyetunji, MD, MPH; Julia E. Grabowski, MD, FACS; Timothy B. Lautz, MD. *From Ann and Robert H. Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Chicago, IL*

Association Between Outcomes and Weight at Enterostomy Closure in Premature Neonates

Donald J. Lucas, MD; Ankush Gosain, MD, PhD, FACS. *From Le Bonheur Children's Hospital, Memphis, TN*

Clinical Tool to Predict Prolonged Hospital Stay in Pediatric Patients With Appendicitis

Faidah O. Badru, MD; Yana Puckett, MD, MPH; Nicholas M. Piening; Easle Chang; Grace Spinner; Jose Greenspon, MD; Colleen Fitzpatrick; Gustavo A. Villalona, MD; Kaveer K. Chatoorgoon, MD, FACS. *From Cardinal Glennon Children's Hospital, St. Louis, MO*

MiR-222 Modulates Macrophage Polarization by Inhibiting STAT3

Junwang Xu, PhD; Carlos Zgheib, PhD; Junyi Hu, MD; Maggie M. Hodges, MD, MPH; Kenneth W. Liechty, MD. *From University of Colorado Anschutz Medical Campus, Aurora, CO*

Overcoming Chemoresistance with the Inhibition of the Wnt Pathway in Ovarian Cancer

Cindy M. Tawfik; Angelina I. Londono, PhD; Bao Riyue, PhD; Ashwini Katre; Sara J. Cooper, PhD; Michael J. Straughn, MD; Donald J. Buchsbaum, PhD; Lyse A. Norian, PhD; Jason Luke, MD; Rebecca C. Arend, MD. *From University of Alabama at Birmingham, Birmingham, AL*

Laparoscopic Sacrospinous Ligament Fixation in Pelvic Organ Prolapse: A Retrospective Review 2006-2015

Rohini J. Patel, MPH; Kenneth D. Hatch, MD; John Heu-sinkveld. *From University of Arizona, Tucson, AZ*

Is the Combination of Panniculectomy and C-Section Safe?

Boris M. Petrikovsky, MD, FACS. *From Wyckoff Heights Medical Center, Brooklyn, NY*

Station 4**MODERATORS:**

Margaret M. Dunn, MD, FACS, *Dayton, OH*
Amanda Amin, MD, FACS, *Kansas City, KS*

Racial Disparities in Primary Amputation vs. Revascularization for Critical Limb Ischemia: A Meta-Analysis

Samantha D. Minc, MD, FACS; Louis F. Fogg, PhD; Walter J. McCarthy, III, MD, FACS; Raj C. Shah, MD. *From Rush University Medical Center, Chicago, IL*

Patients Feel Uninformed About Their Breast Cancer Surgery Options: Findings from a Nationwide Survey of Women Who Reported a Lumpectomy or Mastectomy

Sunny D. Mitchell, MD; Jennifer S. Gass, MD; Michael Hanna, PhD. *From Inuuity, San Francisco, CA*

Readability of Patient Education Websites of Liver Transplant Centers—a Barrier to the Wait List?

Yanik J. Bababekov, MD, MPH; Bonnie Cao; Faith C. Njoku; Ya-Ching Hung, MD; Joel T. Adler, MD, MPH; James J. Pomposelli, MD, PhD; David C. Chang, PhD; Heidi Yeh, MD. *From Massachusetts General Hospital/Harvard Medical School, Boston, MA*

Ethics in the Emergency Department: Is it Possible to Improve Outcomes of the Critically Ill Surgical Patient?

Lauren S. Sparber, MD; Ashley B. Warman; Renee McLeod-Sordjan; Rafael Barrera, MD, FCCM; William Doscher, MD, FACS. *From Northwell Health-North Shore Long Island Jewish, New Hyde Park, NY*

Survival Analysis of Early-Stage Breast Cancer Patients Undergoing Axillary Lymph Node Dissection and Sentinel Lymph Node Dissection

Apoorve Nayyar, MB, BS; Paula D. Strassle; Kandace P. McGuire, MD, FACS. *From University of North Carolina, Chapel Hill, Chapel Hill, NC*

Analysis of Breast Cancer Patients with T1-2 Tumors and 1-3 Positive Lymph Nodes Treated With or Without Postmastectomy Radiation Therapy

Richard C. Gilmore, MD; Mohamad E. Sebai, MB, BS; Kevin J. Psoter, PhD; Charalampos Siotos; Mary Janet Grauer; Stephanie Irwin; Kristen P. Broderick, MD; Lisa K. Jacobs, MD, FACS; Mehran Habibi, MD. *From Johns Hopkins University School of Medicine, Baltimore, MD*

Autologous Adipose Derived Stem Cells: A Viable Option for Breast Reconstruction in Breast Cancer Patients

Donald G. Courtney; Sonja Khan; Roisin M. Dwyer, PhD; Carmel Malone; Karl Sweeney; Kevin Barry; Aoife Lowery; Michael Kerin. *From The Lambe Institute, University College Hospital, Galway, Galway, Ireland*

Impact of Obesity on Outcomes in Breast Reconstruction: A Systematic Review and Meta-Analysis

Adriana C. Panayi; Riaz A. Agha, MB, BS; Brady A. Sieber, MD; Dennis P. Orgill, MD, PhD, FACS. *From Harvard Medical School, Boston, MA, University of Cambridge, London, U.K.*

Neoadjuvant Chemotherapy is Increasing in Breast Cancer in Early Stage Disease and Across all Biologic Subtypes

Brittany Murphy, MD; Courtney Day; Tanya L. Hoskin; Elizabeth B. Habermann, PhD, MPH; Judy C. Boughey, MBBCh, FACS. *From Mayo Clinic, Rochester, MN*

Preclinical Evaluation of Combined Proteasome and Spliceosome Inhibition in Triple Negative Breast Cancer

Praveen Sridhar, MD; Stefanie Chan; Fabio Petrocca, MD; Ying-Jie Lock. *From Boston University, Boston, MA*

Station 5

MODERATORS:

Joaquim Havens, MD, FACS, Brookline, MA
Sara A. Hennessy, MD, Charlottesville, VA

Does Lack of Thoracic Trauma Attenuate the Severity of Pulmonary Failure? An Analysis of Over 10,000 Critically Injured Patients

Xin Huang; Lou J. Magnotti, MD, FACS; Timothy C. Fabian, MD, FACS; Martin A. Croce, MD, FACS; John Sharpe, MD. *From University of Tennessee Health Science Center, Memphis, TN*

Failed Nonoperative Management of Penetrating Abdominal Trauma: Predictors and Outcomes

Abdul Q. Alarhayem, MD; Brian J. Eastridge, MD, FACS. *From University of Texas Health Sciences Center San Antonio, San Antonio, TX*

Firearm Injuries in Women at an Urban Trauma Center

Andrea K. Nagengast, MD; Matthew V. Bennis, MD; Matthew C. Bozeman, MD; Nicholas A. Nash, MD; Jason W. Smith, MD; Brian G. Harbrecht, MD; Glen A. Franklin, MD; Keith R. Miller, MD, FACS. *From University of Louisville, Louisville, KY*

Follow The Guidelines: Overtriage of Blunt Trauma Patients Does Not Capture More Injured Patients

Adriana Fulginiti; Amani Jambhekar, MD; Vincent Chan; Bashar H. Fahoum, MD, FACS; James Rucinski, MD. *From New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY*

Identifying Trauma Superutilizers Readmissions With 11-Year Data Model

Sean Arredondo; Mackenzie R. Dome; Richard E. Gilder; Jacob W. Roden-Foreman; Michael L. Foreman, MD; Laura B. Petrey, MD, FACS. *From Baylor University Medical Center Dallas, Dallas, TX*

Introduction of a Novel Rib Fracture Admission Protocol Decreases Time to Surgical Intensive Care Unit Admission

Eric M. Campion, MD; Caroline Croyle, MPH, CPH; Andrew J. French, MD; Clay Cothren Burlew, MD; Ryan A. Lawless, MD; K. Barry Platnick, MD; Mitchell J. Cohen, MD; Charles J. Fox, Jr., MD, FACS; Ernest E. Moore, MD, FACS; Fredric M. Pieracci, MD, FACS. *From Denver Health Medical Center, University of Colorado, Anschutz Medical Campus, Denver, CO*

Obesity Is Not Associated With Worse Outcomes after Penetrating Trauma

Charlie Fredericks, MD; James R. Yon, MD; Molly Morton; Samuel Kingsley, MD; Sameer Gupta; Andrew J. Dennis, DO, FACS; Kimberly T. Joseph, MD, FACS; Frederic L. Starr, MD, FACS; Kimberly K. Nagy, MD, FACS; Faran Bokhari, MD. *From Cook County Trauma Unit, Chicago, IL*

Penetrating Major Vein Injury Predicts Venous Thromboembolism: A Propensity Matched Analysis

Michael J. Anstadt, MD; Ashley D. Meagher, MD, MPH; Lindsay Gil; Anai N. Kothari, MD; Hieu H. Ton-That, MD; Richard P. Gonzalez, MD, FACS. *From Loyola University Medical Center, Maywood, IL*

Risk on the Road: Build Environment Effect on Severity of Injury in Pediatric Pedestrian or Bicyclist vs. Motor Vehicle Collisions

Heba Naseem, MD; Samantha Bulkilvish; Jiwei Zhao, PhD; Yang Yang; Kathryn D. Bass, MD; So-Ra Baek, PhD. *From Women and Children's Hospital of Buffalo, State University of New York at Buffalo, Buffalo, NY*

Synaptogenic Molecules Thrombospondin-1 and Brain Derived Neurotrophic Factor Rise in the Amygdala after Experimental Diffuse Traumatic Brain Injury

Sarah Ogle, DO; Caitlin E. Hair; Joshua A. Beitchman; Brett R. Tallent; P. David Adelson, MD; Jonathan Lifshitz, PhD; Theresa C. Thomas, PhD; Steven B. Johnson, MD. *From University of Arizona College of Medicine, Barrow Neurological Institute at Phoenix Children's Hospital, Banner University Medical Center, Phoenix, AZ*

Station 6

MODERATORS:

Sean Patrick Cleary, MD, FACS, *Toronto, ON*
 Ajay V. Maker, MD, FACS, *Chicago, IL*

Pyloric Ligation-A Novel Approach to Reduce Delayed Gastric Emptying in Patients with Unresectable Pancreatic Cancer

Enyu Liu, MD; Robin V. Vasan, MD; Florian Kuehn, MD; Zongli Zhang, MD; ChuanZong Zhao, MD; Ben Wang, MD. *From Qilu Hospital, Shandong University, Jinan, China, Massachusetts General Hospital, Boston, MA, University of Rostock, Rostock, Germany*

Exploring EMT-suppressive miRNAs Using Combination of Cell-Based Reporter System and miRNA Library

Hidekazu Hiramoto; Tomoki Muramatsu; Daisuke Ichikawa, MD; Kousuke Tanimoto, PhD; Syuhei Komatsu; Satoru Yasukawa; Eigo Otsuji; Johji Inazawa. *From Kyoto Prefectural University of Medicine, Kyoto, Japan, Tokyo Medical and Dental University, Tokyo, Japan*

Role of 92 Gene Cancer Classifier Assay in Neuroendocrine Tumor of Unknown Primary

Aman Chauhan; Le Aundra Murray; Arun Kumar Arumugam Raajasekar; Yi-Zarn Wang; Lowell B. Anthony, MD. *From University of Kentucky, Lexington, KY*

Preoperative Prognostic Nutritional Index Predicts Both Short- and Long-Term Outcomes after Liver Resection For Hepatocellular Carcinoma

Yu Saito, MD, PhD; Satoru Imura, MD, PhD, FACS; Yuji Morine, MD, PhD, FACS; Tetsuya Ikemoto, MD, PhD, FACS; Shuichi Iwahashi, MD; Masato Yoshikawa; Toshiaki Yoshimoto; Mitsuo Shimada. *From Tokushima University, Tokushima, Japan*

Evaluation of Our Approach (Modified Blumgart Anastomosis) to Reducing The Incidence of Postoperative Pancreatic Fistula after a Pancreaticoduodenectomy in Cases With a Soft Pancreas

Ken Hayashi; Shigetoshi Yamada; Hiroshi Kusanagi, MD; Nobuyasu Kano, MD, FACS. *From Kameda Medical Center, Kamogawa, Japan*

The Clinical Significance of the Serum Concentration of Duke Pancreatic Monoclonal Antigen Type 2 (DUPAN-2) in Biliary Tract Cancer

Tokuji Ito, MD; Shogo Tanaka, MD, PhD; Shigekazu Takemura; Genya Hamano; Yukiko Kurashima; Takanori Aota; Masaki Koda; Shoji Kubo. *From Osaka City University Graduate School of Medicine, Osaka, Japan*

Checklist Fatigue Is Not a Factor in the Rate of Adverse Procedural Events during Bedside Tracheostomy: A Three-Year Analysis

Krishan Patel, MD; Kelly G. Speich; Linh H. Nguyen; John M. Porter, MD, FACS; Joshua P. Hazelton, DO, FACS. *From Cooper University Hospital, Camden, NJ*

Energetics of Clot Formation: A Direct Measurement

Mitchell J. George, MD; Kevin R. Aroom; Max A. Skibber; Tushar Sharma, PhD; Charles E. Wade, PhD; Charles S. Cox, Jr., MD, FACS; Brijesh Gill, MD, FACS. *From University of Texas Health Science Center at Houston, Houston, TX*

The Brain-Heart Link: The Role of High-Sensitive Troponin T in Traumatic Brain Injury

Ayman El-Menyar, MD; Hassan Al-Thani, MD; Rifat Latifi, MD, FACS; John A. Savino, MD. *From Hamad Medical Corporation, Weill Cornell Medical College, Doha, Qatar, Westchester Medical Center, Valhalla, NY*

Indicators of Mortality for Patients on Veno-Arterial Extracorporeal Membrane Oxygenation:

A Single-Center Experience

Victor Vakayil, MD; Dane A. Thompson; Andrew Sundin, MD; Malavika Chandrashekar; James V. Harmon, Jr., MD, PhD, FACS; Melissa E. Brunsvold, MD, FACS. *From University of Minnesota, Minneapolis, MN*

SF53 | 2:30-4:00 pm

e-Poster Rounds VI

(GEN, HP, EDU, ONC)

LOCATION: 6A

Station 1

MODERATORS:

Arden M. Morris, MD, FACS, MPH, *Palo Alto, CA*
 Michael O. Meyers, MD, FACS, *Chapel Hill, NC*

Evaluating Surveillance Patterns after Chemoradiation-Only Compared to Conventional Management for Older Individuals with Rectal Cancer

Clayton T. Ellis, MD; Stacie B. Duzetzina, PhD; Hanna K. Sanoff, MD, MPH; Karyn B. Stitzenberg, MD, MPH. *From University of North Carolina, Chapel Hill, NC*

Health Insurance Disparities in the Treatment of Pancreatic Cancer

Cameron Schlegel, MD; Jesse P. Wright, MD; Liping Du, PhD; Yu Shyr, PhD; Christina E. Bailey, MD; Alexander A. Parikh, MD, MPH, FACS. *From Vanderbilt University, Nashville, TN*

Implementation of Medical Scribes in an Academic Urology Practice: A Means to Improve Efficiency, Productivity, and Satisfaction

Benjamin J. McCormick, MD; Allison Deal; Raj Pruthi, MD, FACS. *From University of North Carolina, Chapel Hill, NC*

Management of Colon Cancer at an Urban Veterans' Affairs System: Does Race Impact Surgical Options and Outcomes?

Amy Pate, MD; Cynthia Kwong, MD; Manuel Martinez, MD; Huelidine Webb, MD; Terri R. Martin, MD, FACS. *From Brooklyn Veteran Affairs Medical Center, SUNY Downstate Medical Center, Brooklyn, NY*

Multi-Institution Analysis of Infection Control Practices Identifies the Subset that Impact Surgical Site Infection: A Texas Alliance for Surgical Quality Collaborative Project

Catherine H. Davis, MD, MPH; Lillian S. Kao, MD, FACS; The Texas Alliance for Surgical Quality (TASQ) Collaborative; Thomas A. Aloia, MD, FACS. *From University of Texas MD Anderson Cancer Center, University of Texas-Houston Medical School, The Texas Alliance for Surgical Quality (TASQ) Collaborative, Houston, TX*

Practices and Attitudes for Prescribing Opioids in Surgical Oncology

Jay S. Lee, MD; Vartika Parashar; Samantha M. Bremmer; Lesly A. Dossett, MD, FACS. *From University of Michigan, Ann Arbor, MI*

Reviewing the Review: Assessment of the Peer-Review Process in Surgical Journals

Catherine H. Davis, MD, MPH; Barbara L. Bass, MD, FACS; Keith D. Lillemoe, MD, FACS; Jeffrey E. Lee, MD, FACS; Charles M. Balch, MD, FACS; Thomas A. Aloia, MD, FACS. *From University of Texas MD Anderson Cancer Center, Houston Methodist Hospital, Houston, TX, Massachusetts General Hospital, Boston, MA*

Rio 2016, Violent Pacification, and Public Policy: A 11-Year Analysis of Gunshots Wounds Victims Presenting to Getulio Vargas Hospital

Joao F.P. Sales, MD; Alex L. Sobreiro, MD, FACS; Marcelo A. Fernandes, MD; Carlos Roberto Naegeli C.R. Gondim, MD; Daniel U.C. Schubert. *From Hospital Estadual Getúlio Vargas, Universidade Federal do Estado do Rio de Janeiro, Universidade do Estado do Rio de Janeiro, Rio de Janeiro, Brazil*

The Decline of Open Abdominal Aortic Aneurysm Repair Among Vascular Surgery Training Programs in the U.S.

Danielle C. Sutzko, MD; Elizabeth Andraska; Anna Boniakowski, MD; Dawn M. Coleman, MD; Nicholas H. Osborne, MD. *From University of Michigan, Ann Arbor, MI*

Station 2

MODERATORS:

Benjamin S. Brooke, MD, PhD, FACS, *Salt Lake City, UT*
Louis L. Ngayen, MD, MBA, MPH, FACS, *Boston, MA*

The Disparity Between Organ Donation and Allocation: Has the Affordable Care Act Made a Difference?

Shannon Zielsdorf, MD; Tara Spivey, MD; John D. Cull, MD; Edie Y. Chan, MD, FACS. *From Rush Medical Center, Chicago, IL*

The Sunshine Act and Surgeons

Meghan E. Garstka, MD; Dominique J. Monlezun, PhD, MPH; Mary T. Killackey, MD, FACS; Christopher DuCoin, MD, MPH; Emad Kandil, MBBCh, FACS. *From Tulane University School of Medicine, New Orleans, LA*

Transitions in Care from Pediatric to Adult General Surgery: Evaluating an Unmet Need

Sarah B. Cairo, MD, MPH; Priscilla P. Chiu, MD, PhD, FACS; Allan M. Goldstein, MD; Nicholas A. Hamilton, MD; Andrea Lo, MD; Michael D. Rollins, II, MD, FACS; David H. Rothstein, MD, FACS. *From Women and Children's Hospital of Buffalo, Buffalo, NY, The Hospital for Sick Children, Toronto, ON, Cincinnati Children's Hospital Medical Center, Cincinnati, OH*

Triage of Injured Patients in New York State Prior to Implementation of the American College of Surgeons Committee on Trauma Verification System

Elinore J. Kaufman; M. Kit Delgado, MD; Philip S. Barie, MD, MBA, FACS; Robert J. Winchell, MD. *From New York-Presbyterian Weill Cornell Medicine, New York, NY, University of Pennsylvania, Philadelphia, PA*

Uptake of Total Mesorectal Excision (TME) and TME Grading for Rectal Cancer: A Multicenter Study

Arielle E. Kanters, MD; Robert K. Cleary, MD, FACS; Shawn H. Obi, DO, FACS; Theodor Asgeirsson, MD, FACS; Sarah Evilsizer; Laurie Fasbinder; Darrell A. Campbell, MD; Samantha Hendren, MD, MPH, FACS. *From University of Michigan Health System, Ann Arbor, MI*

Women Continue to Be Underrepresented in Surgery: A Study of American Medical Association (AMA) and Accreditation Council for Graduate Medical Education (ACGME) Data from 2000-2013

Rachael M. Payne; Charalampos Siotos, MD; Scott D. Lifchez, MD, FACS; Damon Cooney, MD; Gedge D. Rosson, MD; Carisa M. Cooney, MPH. *From Johns Hopkins University School of Medicine, Baltimore, MD*

Does Increase in Body Mass Index (BMI) Provide a Survival Benefit after Lung Transplantation? A Propensity Score Analysis of the United Network for Organ Sharing (UNOS) Registry

Asishana A. Osho, MD, MPH; Uduak Ekanem; Marcelo Fernandes, MD, MPH; Philip J. Spencer, MD; Jordan P. Bloom, MD; Andrea Axtell, MD; Sameer A. Hirji, MD; Matthew G. Hartwig, MD, FACS; Mauricio Villavicencio, MD. *From Harvard Medical School, Boston, MA, Duke University School of Medicine, Durham, NC, University of Miami School of Medicine, Miami, FL*

Thoraco-Abdominal Pressure Gradient and Gastroesophageal Reflux in Patients With End-Stage Lung Disease

Takahiro Masuda, MD; Saurabh Singhal, MB, BS; Sreeja Biswas Roy, MB, BS; Michael Smith; Jasmine L. Huang, MD, FACS; Sumeet K. Mittal, MD, FACS; Ross M. Bremner, MD, PhD. *From Norton Thoracic Institute, St. Joseph's Hospital, Phoenix, AZ*

Association of Thoraco-Abdominal Pressure Gradient and Esophageal Acid Exposure in Patients with End-Stage Lung Disease

Takahiro Masuda, MD; Saurabh Singhal, MB, BS; Sreeja Biswas Roy, MB, BS; Michael Smith; Jasmine L. Huang, MD, FACS; Sumeet K. Mittal, MD, FACS; Ross M. Bremner, MD, PhD. *From Norton Thoracic Institute, St. Joseph's, Phoenix, AZ*

Station 3

MODERATORS:

Nisar Zaidi, MD, *Duluth, MN*
Tina W.F. Yen, MD, MS, FACS, *Milwaukee, WI*

Predicting Survival and Response to Treatment in Poorly-Differentiated Neuroendocrine Tumors of the Esophagus and Stomach

Katherine D. Gray, MD; Maureen D. Moore, MD; Suraj Panjwani, MB, BS; Cheguevara Afaneh, MD; Thomas J. Fahey, III, MD; Rasa Zarnegar, MD, FACS. *From New York Presbyterian-Weill Cornell Medicine, New York, NY*

Long-Term Outcomes of Resection for Locoregionally Recurrent Colon Cancer: A Multicentered Retrospective Descriptive Cohort Study

Tyler R. Chesney, MD; Jeffrey J. Metz; Ashlie Nadler, MD; Faye A. Quereshey, MD, MBA, FRCSC; Shady Ashamalla, MD; Sergio A. Acuna, MD, PhD; Carol J. Swallow, MD, PhD. *From University of Toronto, Toronto, ON*

Tracing the Trajectory of the National Cancer Database and Assessing the Impact of Participant User Files

Ravinder Kang, MD; Nirali P. Patel; Jesse A. Columbo, MD; Sandra L. Wong, MD, FACS. *From Dartmouth Hitchcock Medical Center, Lebanon, NH, Geisel School of Medicine, Hanover, NH*

Surgery for Gastrointestinal Stromal Tumors of the Stomach Metastatic to the Liver: A National Cancer Database Analysis

Omar Picado, MD; Richard Teo; Basem Azab, MD; Alan S. Livingstone, MD, FACS; Nipun B. Merchant, MD, FACS; Danny Yakoub, MD, PhD. *From University of Miami, Miami, FL*

Nutritional Benefit of Proximal Gastrectomy for Siewert Type II/III Adenocarcinoma of the Esophagogastric Junction

Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa; Toshiyuki Kosuga; Kazuma Okamoto; Eigo Otsuji. *From Kyoto Prefectural University of Medicine, Kyoto, Japan*

Extended Prophylaxis in Patients with Pancreatic Cancer Undergoing Surgical Exploration Should Become Standard in the Prevention of Venous Thromboembolism
Samantha Ruff, MD; Charles Conte, MD; Alan Kadison, MD; James Sullivan, MD; John Wang, MD; Raza Zaidi, MD; Gary B. Deutsch, MD, MPH. *From Northwell Health, Manhasset, NY*

Solid Pseudopapillary Neoplasm of the Pancreas: National Cancer Data Base Analysis of a Gender-Specific Carcinoma with Good Prognosis

Xuefei Wang, MD, PhD; Lianne Heuthorst; Christopher M. Pezzi, MD, FACS; Jiping Wang, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA, Zhongshan Hospital, Fudan University, Shanghai, China,*

Eliminating Central Line-Associated Blood Stream Infections (CLABSI) in a High-Acuity Liver Transplant Intensive Care Unit

Tara A. Russell, MD, MPH; Elyse Fritschel, MPH; Jennifer Do; Melanie Donovan; Mo Keckeisen; Vatche G. Agopian, MD, FACS; Douglas F. Farmer, MD; Zachary A. Rubin, MD; Ronald W. Busuttil, MD, PhD, FACS; Fady M. Kaldas, MD, FACS. *From Scripps Green-Dept of Organ Transplant, San Diego, CA, United Network for Organ Sharing-Dept. of Data Analytics, Richmond, VA*

Station 4

MODERATORS:

Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*
Munier M.S. Nazzal, MBChB, FACS, *Toledo, OH*

Hemangiomas and Vascular Malformation of Head and Neck: When to Operate?

Andrés C. Limardo; Luis Blanco; Adrián Ortega; Rubén Padín. *From Hospital Prof. A. Posadas, El Palomar, Argentina*

Microinvasive Breast Carcinoma—An Institutional Case Series

Ana Teresa B. Silva; Fernando Castro; Joaquim A. Sousa; Sílvia Silva. *From Instituto Português de Oncologia Porto, Ponta Delgada, Portugal*

Coaching in General Surgical Training: A Novel Approach Emphasizing Resident Wellness, Professionalism, and Patient and Family Centered Care

Lauren N. DeCaporale-Ryan, PhD; Rabih M. Salloum, MD, FACS; Sarah E. Peyre, EdD; David C. Linehan, MD, FACS. *From University of Rochester, Rochester, NY*

Failure to Graduate from Surgical Residency: A 10-Year Analysis

Charalampos Siotos, MD; Rachael M. Payne; Scott D. Lifchez, MD, FACS; Damon Cooney, MD; Gedge D. Rosson, MD; Carisa M. Cooney, MPH. *From Johns Hopkins University, Baltimore, MD*

Errors Contributing to Trauma Mortality: A Retrospective Analysis in Level 2 Trauma Hospital

Marius N. Anastasiu, MD, FACS; Razvan Dedu; Alexandru Ilie. *From Buzau Emergency County Hospital, Buzau, Romania*

Mock Surgical Paging Exercises Improve Medical Student Communication with Nurses, Confidence, and Decrease Anxiety

Aaron C. Segura; Bryant G. Flores; Zefr W. Chao; Margaret L. Boehler; Rebecca B. Richardson, MD; Rebecca M. Minter, MD, FACS; Cathy J. Schwind; Edward D. Auyang, MD, FACS. *From University of New Mexico School of Medicine, Albuquerque, NM, University of Utah School of Medicine, Salt Lake City, UT, University of Utah School of Medicine, Carbondale, IL*

Unplanned Readmissions: An Appropriate Quality Metric for Surgery?

Muhammad A. Chaudhary, MD; Wei Jiang; Stuart R. Lipsitz; Meesha Sharma, MD, MPH; Peter Learn, MD; Tracey Koe-hlmoos, PhD; Andrew J. Schoenfeld, MD; Adil H. Haider, MB, BS, FACS. *From Brigham and Women's Hospital, Boston, MA, Uniformed Services University of Health Sciences, Bethesda, MD*

The Non-Routine Cholecystectomy: Predictors of Divergence from Laparoscopic Total Cholecystectomy

Andrew M. Brown, MD; Talar Tatariyan, MD; Danica N. Giugliano, MD; Daisy Zhang; Robyn N. Rubenstein; Emanuel Okolo; Francesco Palazzo, MD; Michael J. Pucci, MD, FACS. *From Thomas Jefferson University Hospital, Philadelphia, PA*

Use of Indirect Calorimetry in a Cohort of Patients with Enterocutaneous Fistula

Panna A. Codner, MD, FACS; Kristin Shields, MD; Rebecca Fritzshall; Michelle Kozeniecki; Alison M. Hanson. *From Medical College of Wisconsin, Milwaukee, WI*

Noninvasive Acute Stress Estimation in Novices during High-Fidelity Surgical Simulation

Konstantinos Georgiou, MD; Ilias Gialafos; Andreas Larentzakis. *From National and Kapodistrian University of Athens, Athens Medical School, Greece*

Station 5

MODERATORS:

Sajani N. Shah, MD, Boston, MA
Miguel A. Burch, MD, Boston, MA

American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Surgical Risk Calculator in Predicting the Outcomes of Laparoscopic Ventral Hernia in Obese Population

Raul J. Rosenthal, MD, FACS, FASMB; Rajmohan Rammo-han, MD; Rama Ganga, MD; Deborah Soong; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS. *From Cleveland Clinic Florida, Weston, FL*

Analysis of Duct Deferens and Testis of Rats Submitted to Bilateral Inguinal Hernioplasty

Sergio H. Damous, MD, FACS; Claudio AV. Birolini, MD, PhD; Jocielle S. Miranda, MD; Edna F.S. Montero, MD, PhD; Luciana L. Damous, MD, FACS; Edivaldo M. Utiyama, MD, FACS. *From University of Sao Paulo Medical School, Clinics Hospital of University of Sao Paulo Medical School, Sao Paulo, Brazil*

Challenging the Tokyo Guidelines: Are Cholecystostomy Tubes Beneficial Among Patients Undergoing Delayed Cholecystectomy?

Luke A. Martin, MD; Eric Wiesner, MD; Chong Zhang; Angela P. Presson, PhD; Zachary Burningham, PhD, MPH; Raminder Nirula, MD, MPH; Ellen Morrow, MD; Benjamin S. Brooke, MD, PhD, FACS; William J. Peche, Jr., MD, FACS. *From University of Utah Hospitals, Salt Lake City, UT*

Differences in Laparoscopic Appendectomy Costs According to Surgical Specialty

Sarah B. Stringfield, MD; Alexander Mohan; Sonia L. Ramamoorthy, MD, FACS. *From University of California San Diego, San Diego, CA*

Efficacy of Intraperitoneal Bupivacaine on Postoperative Analgesia in Laparoscopic Cholecystectomy: A Meta-Analysis

Linnelle Stacy Lao, MD; Maila L. Torillo, MD; Pierre Pepito R. Hao, MD. *From Chinese General Hospital and Medical Center, Manila, Philippines*

Extra Costs of Robotic Surgery in Minor and Major Surgeries: An Analysis of National Inpatient Sample

Zhamak Khorgami, MD; Theresa Jackson, MD; Wei Te. Li, MD; C. Anthony Howard, MD; Guido M. Sclabas, MD, FACS. *From University of Oklahoma, Tulsa, OK*

Hernia-Related Mesh Infection: When Does It Happen and Who Gets It?

Andrew T. Bates, MD; Jie Yang, PhD; Donald K. Groves, MD; Chencan Zh; Konstantinos Spaniolas, MD; Salvatore Docimo, DO; Mark A. Talamini, MD, FACS, MD, FACS; Aurora D. Pryor, MD, FACS. *From Stony Brook University Hospital, Stony Brook, NY*

Implementation of an mHealth Postoperative Wound Management Program

Shah-Jahan M. Dodwad; Benjamin E. Hart; Ross J. Lordon; Brian Do; Julie B. Cooper; Connie Miksch; Joanne Whitney; William B. Lober, MD; Heather L. Evans, MD, FACS; Paul Szotek, MD, FACS. *From Indiana Hernia Center, Greencastle, IN, University of Washington, Seattle, WA, Marian University College of Osteopathic Medicine, Indianapolis, IN*

Inguinodynia-tastic—A Comparison between Robotic and Laparoscopic Inguinal Hernia Repair

Alejandro E. Macias; Francisco Jacome, MD, FACS; Jeffrey Punshon. *From Doctors Hospital of Augusta-HCA, Trinity Hospital of Augusta, Augusta, GA*

Laparoscopic vs. Open Surgical Management of Ileosigmoid Fistulas in Crohn's Disease

Erin Fennern, MD, MPH; Alexander J. Greenstein, MD, FACS; John Williamson. *From The Mount Sinai Hospital, New York, NY*

Station 6

MODERATORS:

Santiago Horgan, MD, FACS, La Jolla, CA
Kevin Helling, MD, Casper, WY

Latency to Source Control for Emergency General Surgery Operations

Scott P. Erwin; Kevin M. Schuster, MD, FACS; Yawei Zhang, MD, PhD, MPH; Robert D. Becher, MD. *From Yale School of Medicine, New Haven, CT, Quinnipiac University, Frank H. Netter School of Medicine, North Haven, CT*

Operative vs. Nonoperative Management of Complicated Appendicitis: A National Analysis

Colette S. Inaba, MD; Sarath Sujatha-Bhaskar, MD; Christina Koh, MD; Marija Pejcinovska; Mehraneh D. Jafari, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Alessio Pigazzi, MD, FACS. *From University of California, Irvine, Orange, CA*

Opioid Medication Use in the Surgical Patient: An Assessment of Prescribing Patterns and Utilization

Wen Hui H. Tan, MD; Jennifer Yu, MD; Sara Feaman; Jared McAllister, MD; Lindsey G. Kahan; Mary Quasebarth; Jeffrey A. Blatnik, MD; Chris Eagon, MD; Michael Awad, MD, PhD; Michael Brunt, MD. *From Washington University School of Medicine, St. Louis, MO*

Postoperative Outcomes in Intellectually Disabled General Surgical Patients

Phoenix Vuong, MD; Yaniv Cozacov, MD; Nadia M. Addasi; Stephen Merola, MD, FACS. *From New York Presbyterian Queens, Flushing, NY*

Spigelian Hernia: 22-Year, Single-Center Experience

Mohammad A. Khasawneh, MB, BS; Yaqeen Qudah, MD; Martin D. Zielinski, MD, FACS; Mark D. Sawyer, MD, FACS; Stephanie Heller, MD, FACS; David R. Farley, MD, FACS.
From Mayo Clinic, Rochester, MN

The Impact of a Rapid Imaging Protocol in Acute Cholecystitis

Limaël Rodriguez, MD; Luis E. Santaliz-Ruiz; Miguel A. Serpa; Jorge L. Martinez-Trabal, MD, FACS; Julio A. Peguero-Rivera, MD; Felipe Sanchez-Gaetan; Guillermo Bolanos-Avila. *From St. Luke's Memorial Hospital, Ponce, Puerto Rico*

The Impact of Comanagement on Postoperative Outcomes Following General and Vascular Surgery in Elderly Patients

Derrick Acheampong; I. M. Leitman, MD, FACS; Shanice Guerrier; Valentina Lavarias; Christopher B. Mills, MD, FACS; Dahlia Rizk, DO, MPH; Sangyoon Shin, DO; David M. Pechman, MD, MBA; William B. Inabnet, MD, FACS. *From Icahn School of Medicine at Mount Sinai, New York, NY*

Outcomes Following Laparoscopic Bariatric Surgery in Kidney Transplant Recipients

Israel O. Olorundare, MD, MPH; Sandra DiBrito, MD; Yewande Alimi, MD; Jacqueline M. Garonzik-Wang, MD; Dorry L. Segev, MD, FACS. *From Johns Hopkins University, Baltimore, MD*

Donor-Specific Antibodies in the Steroid-Free Renal Transplant Population

Ryan J. Schutt, DO; Jamie Case, PhD; Bethany Barrick; Ann M. Harper, MPH; Michael Quigley, MD; Jonathan S. Fisher, MD, FACS; Randolph L. Schaffer, III, MD, FACS; Christopher L. Marsh, MD, FACS. *From Scripps Green-Dept of Organ Transplant, San Diego, CA*

Living Kidney Donor Concerns and Information-Gathering Practices Regarding Donation

Jessica M. Ruck; Sarah Van Pilsum Rasmussen; Macey L. Henderson, JD, PhD; Allan B. Massie, PhD; Dorry L. Segev, MD, FACS. *From Johns Hopkins University, Baltimore, MD*

VIDEO-BASED EDUCATION

These popular and well-attended sessions feature presentations by surgeons showcasing surgical procedures and current subjects across the spectrum of surgical practice. Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-Based Education, the sponsor of all video-based education sessions.

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Monday, October 23

VE01 | 9:45-11:15 am

Otolaryngology–Head and Neck Surgery

LOCATION: 31BC

TRACK(S): OTO

COORDINATOR AND PRESIDING OFFICERS:

Sanjay R. Parikh, MD, FACS, and Soham Roy, MD, FACS

It's Not Always Laryngomalacia

Soham Roy, MD, FACS; Jaecel Shah, MD; Blaine D. Smith, MSIV; *Houston, TX*

Odontogenic Myxoma Excision and Mandibular Reconstruction with Microsurgical Fibula Flap

Tamara N. Almada, MD; Javier L. Rossi, MD; Tatiana Sanchez Quiroga, MD; Francisco S. Saravia, MD; Angel Appiani, MD; *Buenos Aires, Argentina*

Transoral Endoscopic Thyroidectomy with Standardized Neural Monitoring: Technique

Gianlorenzo Dionigi, MD, FACS; Vincenzo Pappalardo, MD; Davide Inversini; Matteo Lavazza, MD; *Varese, Italy*

Flexible Endoscopic Zenker's Diverticulotomy: Characteristics and Outcomes of 12 Cases

Erica D. Kane, MD; David J. Desilets, MD; John R. Romanelli, MD, FACS; *Springfield, MA*

Transoral Endoscopic Thyroidectomy: Vestibular Approach

Mai G. Al Khadem; Jonathon Russell, MD; Ralph P. Tufano, MD, FACS; *Baltimore, MD*

The Use of Laryngeal Mask Airway (LMA) for Routine and Endoscopic Airway Surgery

Paul Krakovitz, MD, FACS; *Shaker Heights, OH*

Transoral Robotic Surgery (TORS) in the Pediatric Population: What's Old and What's New

Carlton J. Zdanski, MD, FACS; *Chapel Hill, NC*

VE02 | 9:45 am-1:00 pm

Bariatric Surgery

LOCATION: 2

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER:

Rami E. Lutfi, MD, FACS; *Chicago, IL*

Robotic Conversion of Adjustable Gastric Band to Roux-en-Y Gastric Bypass

Carlos A. Galvani, MD, FACS; Shawn Fu, MD; Nisha Dhana-balsamy; Federico J. Serrot, MD; Iman Ghaderi, MD, MSc, FRCSC, FACS; *Tucson, AZ*

Laparoscopic Gastric Bypass Reversal Using Alimentary Jejunal Gastrostomy

Rajmohan Rammohan, MD; Aaron Lee, DO; Nisha Dhana-balsamy; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMBS; *Weston, FL*

Duodenal Ileal Interposition with Sleeve Gastrectomy and Selective Intra-Abdominal Denervation for Type 2 Diabetes Mellitus

Aureo L. De Paula, MD, PhD; Luciana El-Kadre, MD, PhD, FACS; Alcides J. Branco Filho, MD; Andre Weiss, MD; Curitiba, Brazil

Endoscopic Gastric Bypass Revision

Stephanie G. Wood; Pawan Chansaenroj; Ryan Wilson, PA; Jonathan T. Carter, MD, FACS; John P. Cello, MD; Stanley J. Rogers, MD, FACS; Andrew M. Posselt, MD, FACS; Matthew YC. Lin, MD, FACS; San Francisco, CA

Natural Orifice Specimen Extraction (NOSE) Laparoscopic Sleeve Gastrectomy

Marco M. Lirici, MD, PhD, FACS; Luigi Simonelli, MD; Valentina Romeo, MD; Rome, Italy

Laparoscopic Management of Marginal Ulceration after Roux-en-Y Gastric Bypass

Andrew M. Brown, MD; Talar Tatarian, MD; Michael J. Pucci, MD, FACS; Francesco Palazzo, MD; Philadelphia, PA

Laparoscopic Repair of a Recurrent GJ Stricture and Hiatal Hernia

Rana C. Pullatt, MB, FACS; Gabe Chedister, MD; Yana Maikhaylov, MD; Benjamin White, MD, FACS; Nicolas Ward, MD; Chase A. Arbra, MD; Charleston, SC

Management of Refractory Upper Gastrointestinal (GI) Hemorrhage by Combined Endoscopic Laparoscopic Approach

Keith Wirth, MD; Scott Kizy, MD; Cyrus Jahansouz, MD; Daniel B. Leslie, MD, FACS; Sayeed Ikramuddin, MD, FACS; Minneapolis, MN

"Candy Cane" Roux Syndrome: Surgical Management, Complications, and Lessons Learned

Brandon T. Grover, DO, FACS; Emanuel E. E. Nearing II, MD; Shanu N. Kothari, MD, FACS; La Crosse, WI

Incarceration of Roux Limb through Hiatal Hernia after Roux-en-Y Gastric Bypass

Mariya E. Skube, MD; Daniel B. Leslie, MD, FACS; Sayeed Ikramuddin, MD, FACS; Minneapolis, MN

Laparoscopic Revision of Jejunojejunostomy for Chronic Pain Associated with Right-Sided Antecolic Biliary Limb

David M. Pechman, MD; Dan Cohen-Addad, MD; Nirav K. Desai, MD; Paul A. Thodiyil, MB, BS, FACS; New York, NY

Linear Stapler Misfire during Laparoscopic Sleeve Gastrectomy

Alan A. Saber, MBBCh, FACS; Saeed Shoar; Venkat R. Modukuru, MB, BS; Sami O. Dakhel; Lauren Poliakin, MD; Brooklyn, NY

Management of Gastro-Pleural Fistula after Revisional Bariatric Surgery: Hybrid Laparo-Endoscopic Approach

Omar Ghanem, MD; Barham Abu Dayyeh; Todd A. Kellogg, MD, FACS; Rochester, MN

VE03 | 9:45 am-1:00 pm

General Surgery I—Gastrointestinal Disease

LOCATION: 33ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER:

Daniel M. Herron MD, FACS, FASMBS; New York, NY

Laparoscopic Extraction of a Pancreatic Foreign Body (Needle)

Ibnouf Sulieman, MB, BS; Ameet Patel; Ahmed Elaffandi, MBBCh; Saif Al Modarris; Doha, Qatar

Laparoscopic Resection of a Giant Adrenal Pseudocyst

Seyed A. Arshad; Eyas Alkhalili, MB, BS; Edward D. Auyang, MD, MS, FACS; Satyan K. Shah, MD, FACS; Albuquerque, NM

Laparoscopic Excision of Mesothelial Inclusion Cyst

Annabelle Butler, MD; Faisal Rehman, MD; Ambar Banerjee, MD, FACS; Zionsville, IN

Video Presentation: Laparoscopic Fenestration of a Large Splenic Cyst

Joseph J. Kim, MD; Umut Sarpel, MD, FACS; New York, NY

Splenic Segmentectomy with Total Vascular Exclusion

Daniel A. Crescenti, MD; Mariano Palermo, MD, FACS; Esteban Martinez, MD; Jose I. Pitaco, MD; Angel M. Minetti, MD, FACS; Buenos Aires, Argentina

Complete Common Bile Duct (CBD) Injury after

Laparoscopic Cholecystectomy in Situs Inversus Totalis: Report of the First Case

Osama H. M. Hamed, MB, BS, FACS; Marwan Assaf, MD; Mohammad Rashid, MD, FACS; Mohammad A. Al Khatib, MD; Salah Abdelraouff, MD; Hershey, PA

Laparoscopic Armamentarium for Common Bile Duct Stones Clearance: Tricks and Tips

Dario Tartaglia, MD; Giuseppe Zocco; Luigi Cobuccio; Andrea Bertolucci, MD; Adolfo Puglisi, MD; Christian Galatioto, MD; Massimo Chiarugi, MD, FACS; Pisa, Italy

Laparoscopic Management of a Right Upper Quadrant Internal Hernia

Mazen R. Al-Mansour, MB, BS; Vimal K. Narula, MD, FACS; Oakbrook Terrace, IL

Meckel's Diverticulum Causing an Internal Hernia

Myungwon Chang, MD; Don J. Selzer, MD, FACS; Ann Arbor, MI

The Difficult Splenic Flexure: The Four Pathways to Achieve an Adequate Mobilization

Raquel Gonzalez-Heredia, MD, PhD; Francesco Bianco, MD; Federico Gheza, MD; Luis F. Gonzalez-Ciccarelli, MD; Pablo Quadri, MD; Zaid Zayyad, BS; Pier C. Giulianotti, MD, FACS; Chicago, IL

Colostomy Takedown and Laparoscopic Sigmoidectomy for Diverticular Stricture with Enterocolic and Colovesical Fistula

Daniel L. Moon, MD; Vikram Attaluri, MD, FACS; Maher A. Abbas, MD, FACS; Los Angeles, CA

Cecal Teratoma Video Presentation

Riley K. Kitamura, MD; Kenneth Nakazawa, BS; Scott Q. Nguyen, MD, FACS; New York, NY

Robotic Choledochoduodenostomy: A Minimally Invasive Approach to the Prevention of Retained Stones

Steven J. Skube, MD; Keith Wirth, MD; Mariya E. Skube, MD; Daniel B. Leslie, MD, FACS; Sayeed Ikramuddin, MD, FACS; *Minneapolis, MN*

Laparoscopic 2 Step Cholecystectomy

Terence Jackson, MD; Eric L. Marderstein, MD, FACS; Ray Wong, MD; *Cleveland, OH*

Laparoscopic Management of Peritoneal Dialysis Catheter Complications

Alan A. Saber, MBBCh, FACS; Saeed Shoar; Venkat R. Modukuru, MB, BS; Lauren Poliakin, MD; Woo Chang; Mahmoud Almadani, MD; *Brooklyn, NY*

Retroperitoneoscopic Adrenalectomy: Novel and Excellent Option for Select Patients

Apram Jyot, MB, BS; Travis T. McKenzie, MD; *Rochester, MN*

VE04 | 11:30 am-1:00 pm

Subject-Oriented Symposium I: Endocrine Surgery—New and Novel Interventions

LOCATION: 31BC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER:

Eren Berber, MD, FACS; *Cleveland, OH* and Barnard J. Palmer, MD, FACS; *Oakland, CA*

Robotic Transoral Thyroidectomy

Hoon Yub Kim, MD, PhD, FACS; *Seoul, Korea*

The Utility of Indocyanine Green (ICG) in Endocrine Surgical Procedures

Michael Bouvet, MD, FACS; *La Jolla, CA*

Advances in Robotic Adrenalectomy

Nisar Haider Zaidi, MB, BS, FACS, MS, MRCS(G), FICS; *Jeddah, Saudi Arabia*

The Use of Autofluorescence to Detect Parathyroid Glands Intraoperatively

Fares Bennimoud, MD; *Marseille, Spain*

Advances in Functional Imaging of Neuroendocrine Tumors

Electron Kebebew, MD, FACS; *Bethesda, MD*

Advances in Liver Tumor Ablation for Neuroendocrine Liver Metastases

Eren Berber, MD, FACS; *Cleveland, OH*

VE05 | 2:30-4:00 pm

Pancreas Surgery I

LOCATION: Marriott Marquis Marina Ballroom DE

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER:

David A. Kooby, MD, FACS; *Atlanta, GA* and Flavio G. Rocha, MD, FACS; *Seattle, WA*

Robotic Total Pancreatectomy En Masse for Large Neuroendocrine Tumor

Aslam Ejaz, MD; Lara Espin, PA-C; Jin He, MD, PhD; *Chicago, IL*

Artery Divestment for Locally Advanced Pancreatic Cancer: Looked Unresectable—However it Is Resected

Yi Miao, MD, FACS; *Jiangsu, China*

Duct-to-Mucosa Pancreaticojejunostomy with a Coronary Stent

Cristiano Huscher, MD, FACS; *Benevento, Italy*

Artery-First Pancreaticoduodenectomy with Resection and Reconstruction of Replaced Right Hepatic Artery

Kuirong Jiang, MB, BS, PhD, FACS; *Nanjing, China*

Celiac Axis Reconstruction during Modified Appleby Procedure for Locally Advanced Pancreatic Cancer

Shanley B. Deal, MD; Derek Nathan, MD; Flavio G. Rocha, MD, FACS; *Seattle, WA*

Modified Duct to Mucosa Dunking Pancreaticojejunostomy following Pancreaticoduodenectomy

Rajan Saxena, MB, BS, FACS; *Uttar Pradesh, India*

Laparoscopic Pancreaticoduodenectomy in Patients with Aberrant Right Hepatic Artery

Xin Wang, MD; Bing Peng, MB, BS; He Cai; *Chengdu, China*

VE06 | 2:30-3:30 pm

Plastic Surgery

LOCATION: 31BC

TRACK(S): PLA

COORDINATOR AND PRESIDING OFFICER:

Donald P. Baumann, MD, FACS, *Houston, TX*

Intraoperative Transversus Abdominis Plane Block

Mark Fisher, MD; Brandon Alba; Neil Tanna, MD, FACS; Mark L. Smith, MD, FACS; *Great Neck, NY*

Split-Thickness Skin Grafting for Soft-Tissue Reconstruction

Mark Fisher, MD; Brandon Alba; Neil Tanna, MD, FACS; Mark L. Smith, MD, FACS; *Great Neck, NY*

Judgement in Blepharoplasty

David E. Savar, MD, FACS; *Los Angeles, CA*

Robot-Assisted Harvest of a Deep Inferior Epigastric Perforators Flap

Rana C. Pullatt, MB, FACS; Kevin Delaney, MD; Jason Ulm, MD; Vinay Gundlapalli, MD; Adeyemi Ogunleye, MD; Elizabeth Godshall, MD; Adam Franklin, MD; Dominic Massary, MD; *Charleston, SC*

Please see the Addendum or App for additional videos.

VE07 | 2:30-5:45 pm**Challenging and Unusual Problems in Surgery**

LOCATION: 33ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER:

Patrick R. Reardon, MD, FACS; *Houston, TX***Distal Esophagectomy and Jejunal Interposition (Merendino's Technique) in Severe Stenosis**Enrique Moreno Gonzalez, MD, FACS(Hon); Carlos Jiménez, MD, FACS; Félix Cambra, MD; María García, MD; *Madrid, Spain***Treatment of Esophageal Destruction by Caustics after Multiple Surgical Treatments by Sepsis and Bronchio-Esophageal Fistulae**Enrique Moreno Gonzalez, MD, FACS(Hon); Jorge Calvo, MD; Cristina Alegre, MD; Alejandro Marcacuzco, MD; *Madrid, Spain***Laparoscopic Second Repeated Right Hepatectomy for Recurrent Colorectal Liver Metastases with Hand Assistance**Giammauro Berardi, MD, FACS; Luis Abreu de Carvalho; Roberto Troisi; *Rome, Italy***Laparoscopic Right Colectomy with En Bloc Pre-/Retroperitoneal Excision after Appendectomy with Incidental Adenocarcinoma**Srinivas J. Ivatury, MD, MHA; John M. Fallon, MD; *San Antonio, TX***Approach to Medial Arcuate Ligament Syndrome by Laparoscopy**Augusto C. Tinoco, MD, FACS; Eugênio CA. Tinoco, MD, PhD, FACS; Matheus P. Netto; Renam C. Tinoco, MD, FACS; Pedro A. Gentil, MD; *Rio de Janeiro, Brazil***Trans-Oral Excision of an Esophageal Giant Fibrovascular Polyp in a Pediatric Patient**Cheyenne Sonntag, MD; Rachel E. Hanke, MD; Ryan M. Juza, MD; Vamsi Alli, MD; Mary C. Santos, MD, FACS; Eric M. Pauli, MD, FACS; *Hummelstown, PA***Conversion of Fundoplication to Gastric Bypass for Recurrent Reflux and Management of Inadvertent Gastrotomy**Matthew L. Dong, MD; Subhash U. Kini, MB, BS, FACS; *Shaker Heights, OH***Laparoscopic Repair of Inguinal, Suprapubic, and Parastomal Hernias after Open Cystectomy**Roger Eduardo, MD; Rajmohan Rammohan, MD; Rama Ganga, MB, BS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS, FASMB; Emanuele Lo Menzo, MD, PhD, FACS; *Davie, FL***Laparoscopic Submucosal Cholecystectomy for Selected Difficult Cases with Acute on Chronic Inflammation**Ariel Shuchleib, MD; Omar Bellorin; Eric Zimmerman, MD; Arturo Torices; Talat F. Addasi, MB, CHB, FACS; *Brooklyn, NY***Management of Complicated Bleeding in Laparoscopic Inguinal Hernia Repair: Corona Mortis**Blake Movitz, MD; Francisco Quinteros, MD; Rami E. Lutfi, MD, FACS; *Chicago, IL***Dulling Occam's Razor: Internal Hernia through Gastrohepatic Ligament Presenting as Antroduodenal Crohn's Disease**Alexandra W. Elias, MD; Steven P. Bowers, MD, FACS; Ron G. Landmann, MD, FACS, FASCRS; *Jax Beach, FL***Laparoscopic Management of Bouveret Syndrome**Wayne S. Lee, MD; Miguel A. Burch, MD, FACS; Edward H. Phillips, MD, FACS; Benjamin Basseri, MD; Quin Liu, MD; Daniel Shouhed, MD; *San Jose, CA***VE08** | 6:30-8:30 pm**Highlights from ACS Video Library I**

LOCATION: Marriott Marquis Marina Ballroom DE

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Alan A. Saber, MD, FACS; *Brooklyn, NY*

PANELISTS:

Jacques Himpens, MD; *Brussels, Belgium*
Mousa A.R. Khoursheed; MBCHB, FACS; *Safat, Kuwait*
Adam M. Kopelman, MD, FACS; *Newark, NJ***Laparoscopy-Assisted Distal Gastrectomy: D2 Plus CME**Daxing Xie, MD; Chaoran Yu; Jianping Gong; *Wuhan, China***Emergency Splenectomy during a Sleeve Gastrectomy**Pablo Quadri, MD; Lisa Sanchez-Johnsen, PhD; Mario A. Masrur, MD; Enrique F. Elli, MD, FACS; *Chicago, IL***Phrenoesophageal Ligament-Based Hiatal Dissection for Type III Hiatal Hernia**Anusak Yiengpruksawan, MD, FACS; *Paramus, NJ***Paraesophageal Hernia Repair with Falciform Buttress**Benjamin R. Biteman, MD; Robert A. Grossman, MD; Fred Brody, MD, MBA, FACS; *Washington, DC***Laparoscopic Methods in Recurrent Paraesophageal Hernias**Jessica Ardila Gatas, MD; John Rodriguez, MD, FACS; Matthew D. Kroh, MD, FACS; Jeffrey Ponsky, MD, FACS; *Cleveland, OH***Concurrent Laparoscopic Roux-en-Y Gastric Bypass and Heller's Myotomy in Treatment of Gastric Strictures and Achalasia**David Nguyen, MD; Alexander Ramirez, MD, FACS; Alex Ordonez, MD, FACS; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL***Video Presentation: Laparoscopic Repair of Hiatal Hernia after Sleeve Gastrectomy**Jingjing L. Sherman, MD; Daniel M. Herron, MD, FACS; *Burlington, MA***Laparoscopic Acute Care Surgery**Daniel Guerron, MD; Shaina Eckhouse, MD; Nova Szoka, MD; Chan W. Park, MD, FACS; Jin S. Yoo, MD, FACS; Keri Seymour, DO; Ranjan Sudan, MB, BS, FACS; Dana Portenier, MD, FACS; *Durham, NC***Obstructions in Bariatric Surgery: Lessons Learned**Sean R. Sheff, MD; Shanu N. Kothari, MD, FACS; *La Crosse, WI*

Penetrating Cardiac Injury; From Emergency Room to Operating Room and Further

Yassir Abdulrahman, MD; Mazin Tuma, MD; Sharon Mathew, MD; Sajid Atique, MB, BS, FACS; Ismail Mahood, MD; Ashok Parchani, MD; Hassan Al Thani, MD, MBBCh, FACS; *Doha, Qatar*

Laparoscopic Right Hemicolectomy (D3+CME) for Right Colon Cancer

Yixin Tong, MD; *Wuhan, China*

Tuesday, October 24

VE09 | 9:45-11:15 am Hepatobiliary Surgery I

LOCATION: 33ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):
Sharona B. Ross, MD, FACS; *Tampa, FL*

Robotic Common Bile Duct Resection with Roux-en-Y Hepaticojejunostomy for Anomalous Pancreaticobiliary Junction

Arinbjorn Jonsson, MD; Benjamin Flink, MD; Scott Davis, MD, FACS; Edward Lin, DO, FACS; Marty T. Sellers, MD, FACS; *New York, NY*

Laparoscopic Right Hepatectomy, Common Bile Duct (CBD) Excision and Roux-en-Y Hepaticojejunostomy for a Biliary Tract Intraductal Papillary Mucinous Neoplasm (BT-IPMN)

Ankit Dhamija, MD; Andrew A. Gumbs, MD, FACS; Darren Gorman, BS; Tamir Ben-Menachem, MD; *Berkeley Heights, NJ*

Robotic Left Hepatic Lobectomy for Hepatocellular Carcinoma

Iswanto Sucandy, MD; Sharona Ross, MD, FACS; Darrell Downs, ATC; Alexander Rosemurgy, MD, FACS; *Wesley Chapel, FL*

Laparoscopic Left Lateral Sectionectomy in Cirrhotic Liver: Anatomical Resection

Giammauro Berardi, MD, FACS; Riccardo Ariotti; Roberto Troisi; *Rome, Italy*

Pure Laparoscopic Central Hepatectomy for Hepatocellular Carcinoma (HCC) in Patient with Liver Cirrhosis using Indocyanine Green (ICG) Augmented Reality Technique

Tan To Cheung, MB, BS; *Hong Kong, China*

Pure Laparoscopic Full Left Hepatectomy (SI-IV) Extended to Segment VIII for Hepatocellular Carcinoma (HCC)

Giammauro Berardi, MD, FACS; Roberto Troisi; *Rome, Italy*

Laparoscopic Left Lateral Segmentectomy for Liver Abscess Secondary to Fish Bone: Report of a Case

Osama H. Hamed, MB, BS, FACS; Ibrahim Amer, MD; Farid Adham, MD; Mustafa M. Saad, MD; Tamer Bataineh, MD; *Hershey, PA*

Laparoscopic Hepaticojejunostomy for Recurrent Pyogenic Cholangitis

Patricio Lynn, MD; Alexandra Leon-Guerrero, MD; Agustin Pratt-Rendon, MD; Melissa Beitner, MD; Manish S. Parikh, MD, FACS; *New York, NY*

VE10 | 9:45-11:15 am

Neurological Surgery

LOCATION: 31BC

TRACK(S): NEU

COORDINATOR AND PRESIDING OFFICER(S):
Isabelle M. Germano, MD, FACS; *New York, NY*

MCA Aneurysms: Is It Safe to Shrink the Aneurysm to Render It Clippable?

Azedine Medhkour, MD, FACS; Tarek Mansour; *Toledo, OH*

Please see the Addendum or App for additional videos.

VE11 | 9:45-11:15 am

Obstetrics and Gynecology

LOCATION: 2

TRACK(S): OBG

COORDINATOR AND PRESIDING OFFICER(S):
Camran R. Nezhat, MD, FACS, FACOG; *New York, NY* and
Farr Nezhat, MD, FACS; *Palo Alto, CA*

Novel Technique for Safe Laparoscopic Removal of Very Large Ovarian Cysts

Daniel H. Copeland; Rebecca C. Falik, MD; Anjie Li, MD; Azadeh Nezhat, MD; Camran R. Nezhat, MD, FACS, FACOG; *Palo Alto, CA*

Bowel Endometriosis: Safe Endoscopic Excision of Deep Infiltrating Extra-Genital Endometriosis

Rebecca C. Falik, MD; Anjie Li, MD; Azadeh Nezhat, MD; Camran R. Nezhat, MD, FACS, FACOG; *Palo Alto, CA*

Segmental Bladder Resection for Treatment of Bladder Endometriosis with and without Robotic Assistance

Rebecca C. Falik, MD; Daniel H. Copeland; Anjie Li, MD; Azadeh Nezhat, MD; Camran R. Nezhat, MD, FACS, FACOG; *Palo Alto, CA*

Laparoscopic Excision of Type I and Type II Endometriomas

Frances M. Farrimond; Rebecca C. Falik, MD; Anjie Li, MD; Azadeh Nezhat, MD; Camran R. Nezhat, MD, FACS, FACOG; *Palo Alto, CA*

Interstitial Ectopic Pregnancy: Cornual Resection and Repair with Barbed Delayed Absorbable Suture

Sheena Galhotra, MD; Alan Adajar, MD, FACS, FACOG; *Chicago, IL*

A Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Protocol: Successfully Managing Severe Intra-Operative Hemorrhage from Abnormal Placenta Implantation

Ramiro M. Nunez, MD; Carlos A. Ordoñez, MD, FACS; Michael W. Parra, MD; Jose J. Serna, MD; Ana M. Del Valle, MD; Maria F. Escobar Vidarte, MD, MSc; *Cali, Colombia*

Two Port Laparoscopic Salpingectomy: A Five-Minute Procedure That Decreases the Risk of Ovarian Cancer for a Lifetime

Gregory J. Marchand, MD, FACS; Katelyn M. Sainz; *Mesa, AZ*

Reverse Vesicouterine Fold Dissection for Total Laparoscopic Hysterectomy

Camran Nezhat, MD, FACS, FACOG; Rebecca C. Falik, MD; Anjie Li, MD; Daniel H. Copeland; Lyndsey Grace, MD; Azadeh Nezhat; *Palo Alto, CA*

VE13 | 12:45-4:00 pm Cardiothoracic Surgery

LOCATION: 31BC

TRACK(S): CTS

COORDINATOR AND PRESIDING OFFICER(S):

Thomas J. Birdas, MD, FACS; *Indianapolis, IN* and Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

Surgical Treatment of Tricuspid and Pulmonary Valve Endocarditis with the Use of Pulmonary Allograft Replacement and Tricuspid Valve Repair

Robert E. Jones, MD, FACS; Gary J. Elkin, MD, FACC; Patrick Knorr, PAC; Robert E. Jones Jr.; *Savannah, GA*

Combined Repair of Double Outlet Right Ventricle and Congenital Tracheal Stenosis

Raghav A. Murthy, MB, BS; Matthew Brigger, MD; John J. Lamberti, Jr., MD, FACS; *San Diego, CA*

Open Repair of Thoracic and Thoracoabdominal Aneurysms Using Deep Hypothermic Arrest

Joel S. Corvera, MD, FACS; *Indianapolis, IN*

Robotic Management of Pulmonary Sequestration

Luis Fernando R. Alberton, MD; Kimberly E. Costas, MD; *Everett, WA*

Giant Chest Wall Malignant

Fibrohistiocytoma-Thoracoplastic Resolution

Angel G. Appiani, MD; José M. Moreno Negri, MD; Javier L. Rossi, MD; *Buenos Aires, Argentina*

Robotic Esophageal Posterior Mediastinal Mass Resection

Ray K. Chihara, MD, PhD; Manu S. Sancheti, MD, FACS; *Atlanta, GA*

Laparoscopic Transhiatal Esophagectomy According to 'de Meester' Technique for Multiple Perforation of the Esophagus

Cristiano Huscher, MD, FACS; *Benevento, Italy*

Laparoscopic Pericardial Window

Roman V. Petrov, MD, FACS; Rajendra S. Bhati, MD, FACS; Warner W. Wang, MD; Tatiana V. Kazakova, MD; Spencer Gale, PA-C; *Marietta, OH*

Management of Epiphrenic Diverticulum with Staged Approach with Peroral Endoscopic Myotomy (POEM) and Video-Assisted Thoracoscopic Surgery (VATS)

Diverticulectomy

Roman V. Petrov, MD, FACS; Rajendra S. Bhati, MD, FACS; Anish Chopra, MD; Tatiana V. Kazakova, MD; Spencer Gale, PA-C; *Marietta, OH*

Use of "Smart Bougie" in Robotic-Assisted Type III Hiatal Hernia Repair

Kofi B. Quaye, MD; Edward Y. Chan, MD; Puja G. Khaitan, MD; Min Kim, MD, FACS; *Houston, TX*

Robotic-Assisted Right Hemidiaphragm Plication Utilizing an Accordion Technique

Philip A. Rascoe, MD, FACS; *Houston, TX*

Robotic-Assisted Transaxillary Thymectomy

Robert E. Reily, MD; Sang-Wook Kang; Mark Rocco; Michael Weaver; Mary T. Killackey, MD, FACS; Emad Kandil, MBBCh, FACS; *New Orleans, LA*

VE14 | 12:45-2:15 pm International Video Session

LOCATION: 2

TRACK(S): INT

COORDINATOR AND PRESIDING OFFICER(S):

Giovanni Dapri, MD, FACS; *Brussels, Belgium*

PANELISTS:

Carlos E. Jacob, MD, PhD, FACS; *Sao Paulo, Brazil*
Mitsuo Shimada, MD, FACS; *Tokushima, Japan*

Anastomotic Techniques for Minimally Invasive Thoracoscopic Esophagectomy

Emanuele L. Asti, MD, FACS; Daniele Bernardi, MD; Luigi Bonavina, MD, FACS; *San Donato Milanese, Italy*

The Outcomes of Surgery Improve with Totally Laparoscopic D2 Radical Total Gastrectomy for Tumor Penetrating the Serosa of the Posterior Gastric Wall: A Left Outside Bursa Omentalis Approach for Complete Bursectomy

Wei Wang, MD; Wenjun Xiong; Jin Wan; *Guangdong, China*

Laparoscopic D2 Total Gastrectomy

Marco M. Lirici, MD, PhD, FACS; Luigi Simonelli, MD; Valentina Romeo, MD; *Rome, Italy*

New Advances in the Treatment of Gastric Cancer: Neoadjuvant Treatment and Robotic Surgery

Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD, PhD; Ricardo Caruso, MD; Benedetto Ielpo, MD, FACS; Hipolito Duran, MD, PhD; Isabel Fabra, MD; Eduardo Diaz, MD; Valentina Ferri, MD; Luis Malave, MD; D. Kalivaci, MD; *Madrid, Spain*

Laparoscopic Segmental Resection of Duodenal Gastrointestinal Stromal Tumor

Daniel R. Alonso; Pablo Talavera Eguizabal; Vicente M. López-Peláez; Adriana R. Campos; Aida E. Pérez Jiménez; Andrés Sánchez-Pernaute; Antonio J. Torres García; *Toledo, Spain*

Laparoscopic Sleeve Gastrectomy for Neuroendocrine Gastric Tumor

Annalisa Io Conte, MD; Gaetano V. Cunsolo, MD; Massimo Pezzatini; Carola Sebastiani; Giovanni G. Laracca; Antonio Brescia, MD; Marcello Gasparrini, MD, FACS; *Rome, Italy*

Technical Modification in Pylorus-Preserving Pancreatoduodenectomy

Yi Miao, MD, FACS; *Jiangsu, China*

Robotic Rectopexy

Massimo Giacca, MD; Emilio Morpurgo, MD; Antonio Zerbinati; Roberta Molaro; *Trieste, Italy*

Non-Mesh Abdominal Wall Reconstruction

Jorge E. Daes, MD, FACS; Erika Luque; *Barranquilla, Colombia*

Laparoscopic Management of Ventral Hernia in Acute Presentation

Luigi Cobuccio; Dario Tartaglia, MD; Andrea Bertolucci, MD; Christian Galatioto, MD; Massimo Chiarugi, MD, FACS; *Pisa, Italy*

VE15 | 12:45-4:00 pm

General Surgery II—Hernia

LOCATION: Marriott Marquis Marina Ballroom DE

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Don J. Selzer, MD, FACS; *Indianapolis, IN*

Femoral Hernia Repair by Open McVay Technique

Robert A. Grossman, MD; Clint Schoolfield, MD; Fredrick J. Brody, MD, MBA, FACS; *Washington, DC*

Mesh Removal and Neurectomy for Chronic Groin Pain

Ivy N. Haskins, MD; Arielle J. Perez, MD, MPH; Julietta H. Chang, MD; Michael J. Rosen, MD, FACS; *Washington, DC*

Robotic-Assisted Excision of Right Groin Plugs and Repair of Right Inguinal Hernia

Wen H. Tan, MD; Jared M. McAllister, MD; Lindsey G. Kahan, BS; Jeffrey A. Blatnik, MD; *St. Louis, MO*

Robot-Assisted (Transabdominal Preperitoneal) TAPP Repair of a Spigelian Hernia

Rana C. Pullatt, MB, BS, FACS; Chase A. Arbra, MD; Starr Friedman, MD; Dominic Massary, MD; Doris Kim, MD; Anna Matrachisia, MD; *Charleston, SC*

Robotic-Assisted Modified Sugarbaker Technique for Recurrent Parastomal Hernia and Left Direct Inguinal Hernia

Adam S. Weltz, DO; Raquel Redondo, MD; Nan Wu, MD; Hamid R. Zahiri; Adrian E. Park, MD, FRCSC, FACS, FCS(ECSA); Igor Belyansky, MD, FACS; *Annapolis, MD*

Operative Planning and Surgical Techniques for the Repair of a Giant Scrotal Hernia

Varun Kejriwal; Reza Mehrazin; Alice Yao, MD; Linda P. Zhang, MD, FACS; *New York, NY*

Laparoscopic Excision of Infected Hernia Mesh

Jared M. McAllister, MD; Wen H. Tan, MD; Lindsey G. Kahan, BS; Jeffrey A. Blatnik, MD; *St. Louis, MO*

Laparoscopic Repair of Paraduodenal Hernia

Chaya Shwaartz, MD; Lynn Gilad, MD; Mustafa A. Siddiq; Ron Pery; Roy Nadler; Danny Rosin, MD, FACS; *Ramat Gan, Israel*

Morgagni Herniorrhaphy: Laparoscopic Primary Repair with Mesh Reinforcement

Barnard J. Palmer, MD, FACS; Eric H. Bui, MD; Amanda J. Green, MD; Emily J. Mirafior, MD; *Oakland, CA*

Multirecurrent Lumbar and Midline Incisional Hernia Solved by Posterior Component Separation

Miguel A. Garcia Urena, MD, PhD, FACS; Luis A. Blazquez, MD; Javier Lopez-Monclus, MD, PhD; Daniel M. Montes; Alvaro R. Valle de Iersundi; Arturo Cruz Cidoncha; Carlos San Miguel; Patricia Lopez Quindos; Asuncion Aguilera Velardo; Armando Gal; *Madrid, Spain*

Robotic-Assisted Repair of Incarcerated Incisional Hernia and Myofascial Advancement Flap of the Right Posterior Rectus Sheath and Transversus Abdominis Muscle

Lindsey G. Kahan, BS; Wen H. Tan, MD; Jared M. McAllister, MD; Jeffrey A. Blatnik, MD; *St. Louis, MO*

Abdominal Wall Reconstruction for Incisional Hernias of Chevron Type Incisions: A Step-by-Step using Posterior Component Separation with Transversus Abdominis Release

Luciano Guilherme Tastaldi, MD; Ivy N. Haskins, MD; Arielle J. Perez, MD, MPH; David Krpata, MD; Ajita S. Prabhu, MD, FACS; Steven M. Rosenblatt, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Massive Ventral Hernia and Polycystic Kidney Disease: Management of Intrabdominal Volume in Transversus Abdominis Muscle Release (TAR) Hernia Repair

Neal G. Moores, MD; Jayant P. Agarwal, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Repair of a Massively Recurrent Subxiphoid Hernia

Arielle J. Perez, MD, MPH; Ivy N. Haskins, MD; Julietta H. Chang, MD; Michael J. Rosen, MD, FACS; *Cleveland Heights, OH*

VE12 | 2:30-3:30 pm**Icons in Surgery I**

LOCATION: 33ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

William B. Inabnet III, MD, FACS; *New York, NY*, William O. Richards, MD, FACS; *Mobile, AL*, and Steven D. Schwaitzberg, MD, FACS; *Buffalo, NY***Norman M. Rich, MD, FACS, DMCC**Discussant: Eric A. Elster, MD, FACS; *Bethesda, MD***Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM**Discussant: James A. O'Neill, MD, FACS; *Nashville, TN***VE16** | 2:30-4:00 pm**Subject-Oriented Symposium II: Complications in Gastrointestinal Surgery**

LOCATION: 2

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER:

Aurora D. Pryor, MD, FACS; *Stony Brook, NY***Bleeding during/after Fundoplication**Andrew S. Wright, MD, FACS; *Seattle, WA***Endoscopic Management of Leak**Kevin M. Reavis, MD, FACS; *Portland, OR***Endoscopic Management of Stricture**Dana D. Portenier, MD, FACS; *Durham, NC***Gastro-Pericardial Fistula after an Eroded Lap Band**Brian R. Smith, MD, FACS; *Long Beach, CA***Management of Reflux after Bariatric Surgery**Dana A. Telem, MD, MPH, FACS; *Ann Arbor, MI***Management of Eroded Gastric Band**Konstantinos Spaniolas, MD; *Stony Brook, NY***Management of Obstruction and Internal Hernia**Caitlin A. Halbert, DO; *Newark, DE***Management of Division of Hepato-Pancreato-Biliary (HPB) complications**Katherine A. Morgan, MD, FACS; *Charleston, SC***Management of Complications of Colorectal Surgery**Matthew F. Kalady, MD, FASCRS, FACS; *Cleveland, OH***VE18** | 4:15-5:45 pm**Endocrine Surgery**

LOCATION: Marriott Marquis Marina Ballroom DE

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

James A. Lee, MD, FACS; *New York, NY* and Ralph P. Tufano, MD, FACS; *Baltimore, MD***On-Block Resection of Adrenal Carcinoma Extended to Splenic Flexure, Kidney, Spleen, and Liver Malignancies**Enrique Moreno Gonzalez, MD, FACS(Hon); Alejandro Manrique, MD; Alvaro García-Sesma, MD; Félix Cambra, MD; *Madrid, Spain***Large, Locally Advanced Adrenocortical Carcinoma-A Multidisciplinary Approach**Amanda M. Laird, MD, FACS; Caitlin Polistena, MD; Sarah Bellemare, MD; *New York, NY***Reoperative Cortical Sparing Adrenalectomy via Retroperitoneoscopic Approach**Paul H. Graham, MD, FACS; Jeffrey E. Lee, MD, FACS; *Spring, TX***Laparoscopic Bilateral Partial Adrenalectomy**Robert A. Grossman, MD; Clint Schoolfield, MD; Fredrick J. Brody, MD, MBA, FACS; *Washington, DC***Robot-Assisted Transaxillary Total Thyroidectomy with Central Lymph Nodes Dissection with the Use of Autonomic Periodic Stimulation**Fadi Murad, MD; Hassan Alzahrani, MD; Daniah Bu Ali, MD; Sang-Wook Kang; Emad Kandil, MBBCh, FACS; *New Orleans, LA***VE19** | 6:30-8:30 pm**Highlights from ACS Video Library II**

LOCATION: Marriott Marquis Marina Ballroom DE

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Carlos U. Corvera, MD, FACS; *San Francisco, CA***Giant Retroperitoneal Liposarcoma: Cognitive Pearls in Management**Vijay K. Maker, MD, FACS, FRCS; Ajay V. Maker, MD, FACS; *Chicago, IL***Median Arcuate Ligament Syndrome in Athletes**Jeffrey N. Harr, MD, MPH; Ivy N. Haskins, MD; Fredrick J. Brody, MD, MBA, FACS; *Aurora, CO***Laparoscopic Duodenojejunostomy for Superior Mesenteric Artery (SMA) Syndrome**Michael L. Rawlins, MD; *Vacaville, CA***Robot-Assisted Extended Left Hepatectomy Including Caudate Lobe with Retrogastric Intrahepaticojunostomy for Cholangiocarcinoma**Mario Masrur, MD; Eduardo Fernandes, MD; Luca Milone, MD; Despoina Daskalak, MDi; X. Wang; Francisco Bianco, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL***Associated Liver Partition and Portal Vein Ligation (ALPPS) for Recurrent Bilateral Colorectal Liver Metastases**Fernando A. Alvarez, MD; Martin de Santibañes, MD; Victoria Ardiles; Juan J. Pekolj, MD, FACS; Eduardo de Santibañes, MD, FACS; *Buenos Aires, Argentina***Laparoscopic Transgastric Pancreatic Necrosectomy and Cystgastrostomy**Bestoun H. Ahmed, MD, FACS; Michael Nussbaum, MD, FACS; *Jacksonville, FL***Laparoscopic Total Gastrectomy for Germline Mutation of the CDH-1 Gene**Guilherme M. Campos, MD, FACS; Laura E. Fischer, MD; Emily Winslow, MD, FACS; *Richmond, VA***Laparoscopic Complete Mesocolic Excision with Three-Dimensional Visualization of Surgical Anatomy Around the Granular Cell Tumor (GCT) for Right Colon Cancer**Shinichi Mori, MD, PhD; Yoshiaki Kita; Kenji Baba; Masayuki Yanagi; Kan Tanabe; Yasuto Uchikado; Takaaki Arikami; Yoshikazu Uenosono; Hiroshi Okumura; Akihiro Nakajo; Kosei Maemura; Shoji Natsugoe; *Kagoshima, Japan***Laparoscopic Repair of a Diaphragmatic Liver Hernia**Horacio J. Asbun, MD, FACS; Diego Villacreses, MD; Enrique F. Elli, MD, FACS; *Jacksonville, FL***Posterior Components Separation with Retro-Muscular Reinforcement for Complex Sternal Hernia**David M. Krpata, MD; Michael J. Rosen, MD, FACS; *Cleveland, OH***Wednesday, October 25****VE20** | 8:00-9:30 am**Subject-Oriented Symposium III: Alternatives to Nissan/Heller Procedures**

LOCATION: 2

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Leena Khaitan, MD, FACS; *Cleveland, OH* and Kevin M. Reavis, MD, FACS; *Portland, OR**Please see the Addendum or App for a list of videos.*

VE21 | 8:00-9:30 am**Urological Surgery**

LOCATION: 31BC

TRACK(S): URO

COORDINATOR AND PRESIDING OFFICER(S):

Raj S. Pruthi, MD, FACS; *Chapel Hill, NC***Robotic-Assisted Laparoscopic Transvesical Repair of Rectovesical Fistula Following Open Radical Prostatectomy: Use of Allograft Human Dermis Interposition**Edward M. Capoccia; Leslie A. Deane, MB, BS, FACS, FRCSC; Dimitri Papagiannopoulos, MD; Patrick Whelan, MD; Marc A. Singer, MD, FACS; *Chicago, IL***Robotic-Assisted Sacrocolpopexy with Laparoscopic Posterior Colporrhaphy**Brian F. Dinerman, MD; Ron Golan, MD; Adrien N. Bernstein, MD; Kiersten Craig, MD; Patrick J. Culligan, MD, FACS; *New York, NY***Optimization of Blood Loss during Robotic-Assisted Laparoscopic Inferior Vena Cava Thrombectomy – Is the Robotic Approach Feasible in Jehovah's Witness?**Logan W. McGuffey; Naveen Pokala; Alex Jones, MD; *Columbia, MO***Ischemic Priapism: Efficient Irrigation and Aspiration using a Three-Way Stopcock**Tony Lin; Joseph Y. Clark, MD, FACS; *Hershey, PA***Digital Video Capture of Open Genitourinary Reconstructive Surgery for Enhanced Surgical Training**James Mason; Bradley Erickson MD, MS, FACS; *Iowa City, IA***VE22** | 8:00-11:15 am**General Surgery III–Foregut**

LOCATION: 33ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Archana Ramaswamy, MD, FACS; *Minneapolis, MN*, and Dana A. Telem, MD, MPH, FACS; *Ann Arbor, MI***Technique for Primary Placement of Adolescent and Adult Gastrostomy Buttons**Avraham D. Schlager, MD; Ian Glenn, MD; Sophia Abdulhai, MD; Todd A. Ponsky, MD, FACS; *Cleveland Heights, OH***Surgical Resection of Duodenal Duplication Cyst**Kevin Anderson, Jr., BS; Kristy L. Rialon, MD; Theodore N. Pappas, MD, FACS; Alexander Perez, MD, FACS; *Durham, NC***Pancreas-Sparing Ampulla-Preserving, D1 -D2 Emergency Duodenectomy: A Novel Technique for a Less Morbid, Definitive Surgical Management of Giant Duodenal Perforations in Acute Care Surgery**Edoardo Segalini, MD; Arianna Birindelli; Sirio Fiorino, MD; Nicola Montanari, MD; Sofia Toderò, MD; Semeraro Federico, MD; Nicola Cilloni, MD; Adele Fornelli, MD; Giovanni Corona, MD; Salomone Di Saverio, MD, FACS; *Bologna, Italy***Prevention of Recurrent Laryngeal Nerve Paralysis after Esophagectomy By Intraoperative Nerve Monitoring**Hiroyuki Kobayashi, MD, PhD, FACS; Masato Kondo, MD, FACS; Motoko Mizumoto, MD, FACS; Yukiko Kumata; Satoshi Kaihara, MD, PhD, FACS; Koji Kitamura, MD, PhD; *Kobe, Japan***Laparoscopically Assisted Proximal Gastrectomy with Esophagogastrostomy using “Open Door” Technique**Kei Hosoda, MD; Keishi Yamashita, MD, PhD, FACS; Hiro-mitsu HM. Moriya, MD; Hiroaki Mieno; Akira Ema; Marie Washio; Masahiko Watanabe, MD, FACS; *Sagamihara, Japan***Minimal Invasive Esophagectomy: Visual Evaluation of Blood Flow in the Gastric Conduit with Indocyanine Green Fluorescence Angiography**Emanuele L. Asti, MD, FACS; Daniele Bernardi, MD; Luigi Bonavina, MD, FACS; *Paullo, Italy***Laparoscopic Repair of a Congenital Diaphragmatic Hernia in an Adult**Nan Wu, MD; Adam S. Weltz; Hamid R. Zahiri, DO; Igor Belyansky, MD, FACS; Adrian E. Park, MD, FRCSC, FACS, FCS(ECSA); *Annapolis, MD***Robot Gastric Gastrointestinal Stromal Tumor Resection Assisted by Fluorescence**Daniel P. Srikureja, MD; Manuel Garcia, MD; Esther Wu, MD; Antonio Covarrubias, MD; Stephanie Keeth, MSN; Jeffrey Quigley, DO; Aarthi Kannappan, MD; Keith R. Scharf, DO, FACS; Carlos A. Garberoglio, MD, FACS; Marcos J. Michelotti, MD, FACS; *Loma Linda, CA***Robotic-Assisted Redo Hiatal Hernia Repair with a Swiss Cheese-Like Defect**Carlos A. Galvani, MD, FACS; Federico J. Serrot, MD; Nisha Dhanabalsamy, MB, BS; Shawn A. Fu, MD; Iman Ghaderi, MD, MSc, FRCSC, FACS; *Tucson, AZ***Laparoscopic Repair of an Iatrogenic Anterior Diaphragmatic Hernia**Benjamin Deschner; Jonah J. Stulberg, MD, PhD, MPH; *Chicago, IL***Lower Esophageal Magnetic Sphincter Device Removal: A Challenging Procedure?**Jeffrey E. Quigley, DO; Manuel Garcia, MD; Esther Wu, MD; Stephanie Keeth, MSN; Daniel P. Srikureja, MD; Aarthi Kannappan, MD; Keith R. Scharf, DO, FACS; Carlos A. Garberoglio, MD, FACS; Marcos J. Michelotti, MD, FACS; *Redlands, CA***Laparoscopic Diverticulectomy for Symptomatic Duodenal Diverticula**David J. Berler, MD; Barry Jaffin, MD, FACP, AGAF; Anthony J. Vine, MD, FACS; *New York, NY***Evaluating the Perfusion of a Preconditioned Gastric Conduit during an Ivor-Lewis Esophagectomy using Indocyanine Green Dye**Kyle A. Perry, MD, FACS; Nathan G. LaFayette, MD; Robert E. Merritt, MD, FACS; *Waterbury, CT***Laparoscopic Repair of Spontaneous Esophageal Perforation (Boerhaave Syndrome)**Alan A. Saber, MBBCh, FACS; Arpit Patel; Lauren Poliakin, MD; Moshe S. Fuksbrumer, MD; Moh Aladdin, MD; *Brooklyn, NY*

Laparoscopic Approach to Management of an Epiphrenic Diverticulum

Bogdan D. Dumbrava, MD; Waqas T. Butt, MBBCh, MRCSI; Monim Salih; Mayilone Arumugasamy; *Dublin, Ireland*

Laparoscopic Strangulated Right Diaphragmatic Hernia Repair with Mesh

Yalini Vigneswaran, MD, MS; Marshall S. Baker, MD, FACS; Michael Ujiki, MD, FACS; John G. Linn, MD; *Chicago, IL*

VE23 | 9:45-11:15 am

Subject-Oriented Symposium IV: Abdominal Wall Reconstruction

LOCATION: 31BC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

David B. Renton, MD, FACS; *Columbus, OH*

Open Transversus Abdominus Release

Yuri W. Novitsky, MD, FACS; *Cleveland, OH*

Robotic Transversus Abdominus Release

James G. Bittner IV, MD, FACS; *Richmond, VA*

Extended-View Totally Extraperitoneal (eTEP) Hernia Repair

Jorge E. Daes, MD, FACS; *Barranquilla, Colombia*

Robotic Pre-Peritoneal Hernia Repair

Michael P. Meara, MD, MBA; *Columbus, OH*

Laparoscopic Rives Stoppa Repair

Igor Belyansky, MD, FACS; *Annapolis, MD*

VE24 | 9:45-11:15 am

Vascular Surgery

LOCATION: 2

TRACK(S): VAS

COORDINATOR AND PRESIDING OFFICER(S):

Samuel R. Money, MD, FACS; *Phoenix, AZ*

PANELISTS:

Ellen D. Dillavou, MD, FACS; *Durham, NC*

Eugene M. Langan III, MD, FACS; *Greenville, SC*

Pediatric Arteriovenous Fistula Utilizing the Operating Microscope

Benjamin C. Powell, MD; Christopher G. Carsten III, MD, FACS; Richard A. Steadman, MD; *Greenville, SC*

Complex Lower Extremity Amputations: The Mazet and Ertl Procedure

William H. Edwards, Jr., MD, FACS; Jimbob Faulk, MD, FACS; *Nashville, TN*

Laparoscopic Median Arcuate Ligament Release

Shayna Brathwaite, MD; Sara M. del Campo, MD; Mounir Haurani, MD, FACS; Kyle A. Perry, MD, FACS; *Columbus, OH*

Unique Management of Concomitant Splenic Aneurysm and Abdominal Aortic Aneurysm Repair

Khalil M. Qato, MD; Allan Conway, MBChB; Gary Giangola, MD, FACS; Alfio Carroccio, MD, FACS; *New York, NY*

Technique of Explanting Aortic Endograft with Supra-Renal Fixation

Faisal Aziz, MB, BS, FACS; *Hershey, PA*

Explant of a Cook Zenith Endovascular Aortic Aneurysm Graft Using a 20 ml Syringe

Loay Kabbani, MD, FACS; Timothy J. Nypaver, MD, FACS; Ziad A. Adas, MD; *Detroit, MI*

Endovascular Repair of Ruptured Para Renal Abdominal Aortic Aneurysm

Faisal Aziz, MB, BS, FACS; *Hershey, PA*

Hand-Assisted Thoracic Endovascular Aortic Repair (TEVAR) in a Tortuous Aorta

Kristofer M. Charlton-Ouw, MD, FACS; Joe J. DuBose, MD; Ali Azizzadeh, MD, FACS; Hazim J. Safi, MD, FACS; Anthony L. Estrera, MD, FACS; *Houston, TX*

VE25 | 11:30 am-12:30 pm

Icons in Surgery II

LOCATION: 33ABC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

William B. Inabnet III, MD, FACS; *New York, NY*, William O. Richards, MD, FACS; *Mobile, AL*, and Steven D. Schwartzberg, MD, FACS; *Buffalo, NY*

Seymour I. Schwartz, MD, FACS

Discussant: Jacob Moalem, MD, FACS

Patricia J. Numann, MD, FACS

Discussant: Sharon L. Stein, MD, FACS, FASCRS

VE26 | 12:45-4:00 pm

Colon and Rectal Surgery I

LOCATION: 31BC

TRACK(S): CRS

COORDINATOR AND PRESIDING OFFICER(S):

Maheer A. Abbas, MD, FACS; *Dubai, United Arab Emirates*

Transanal Minimally Invasive Surgical Anal Canal Polyp Resection

Giovanni Dapri, MD, PhD, FACS; *Brussels, Belgium*

Transanal Total Mesorectal Excision with En Bloc Prostatectomy for Rectal Cancer

Luanne Force, MD; Yuksel Altinel, MD; Dana R. Sands, MD, FACS, FASCRS; Nicolas Muruve, MD, FACS; Steven D. Wexner, MD, FACS, PhD(Hon), FRCS, FRCS(Ed); *Weston, FL*

Transanal Total Mesorectal Excision

Cristiano Huscher, MD, FACS; *Benevento, Italy*

Immediate Transanal Minimally Invasive Surgery Repair of Peritoneal Breach during Excision of Proximal Rectal Mass

Ipek Sapci, MD; Luca Stocchi, MD, FACS; Emre Gorgun, MD, FACS, FASCRS; *Cleveland, OH*

Laparoscopic Extended Left Colectomy with**Transmesenteric Anastomosis for Diverticular Disease**

Gabriele Bislenghi; Albert M. Wolthuis, MD; Anthony de Buck van Overstraeten; André D'Hooore; *Leuven, Belgium*

Laparoscopic Repair of Colonic Anastomotic Leak

Anya Romanoff, MD; Alexander J. Greenstein, MD, FACS; New York, NY

Challenging Emergency Totally Laparoscopic Right Colectomy with Complete Mesocolic Excision (CME) for Obstructing Proximal Transverse Colon Cancer

Andrea Lucchi, MD, FACS; Basilio Pirrera, MD; Carlo Gabbi-
anelli, MD; Pierluigi Berti, MD; Vincenzo Alagna, MD; Gia-
como Martorelli, MD; Gianluca Garulli, MD; *Riccione, Italy*

An Unusual Case of Multicystic Peritoneal Mesothelioma Thought to Be Pseudomyxoma Peritonei from Appendiceal Neoplasm

Mayin Lin, DO; Wolfgang B. Gaertner, MD, FACS; *Minneapolis, MN*

Implantation of a Magnetic Anal Sphincter System

Jeffrey Mino, MD; Brooke Gurland, MD; Massarat Zutshi,
MB, BS, FACS; Tracy L. Hull, MD, FACS; *Cleveland, OH*

Endoscopic Submucosal Dissection of Dysplastic Polyp with Endoscopic Suture Closure

Jennifer Paruch, MD; Peter W. Marcello, MD, FACS; William
F. Johnston, MD; *Burlington, MA*

Faecal Peritonitis for Perforated Crohn's Acute Ileitis: Emergency Laparoscopic Ileo-Colic Resection and Primary Intracorporeal Anastomosis

Arianna Birindelli, MB, BS; Valeria Tonini, MD; Maurizio
Cervellera, MD; Edoardo Segalini, MD; Gregorio G.
Tugnoli, MD; Francesco Ferrara, MD; Stefania Ghersi, MD;
Marco Bassi, MD, FACS; Vincenzo Cennamo, MD; Salo-
mone Di Saverio, MD, FACS; *Bologna, Italy*

Overlapping Sphincteroplasty for the Treatment of Fecal Incontinence

Paul F. Rider Jr., MD, FACS; John D. Hunter, MD; Leander
M. Grimm Jr., MD, FACS, FASCRS; *Mobile, AL*

Surgical Repair of Traumatic Cloaca

Christina V. Warner, MD; Frank Dagbert, MD; Saleh M.
Eftaiha, MD; Jeremy Sugrue, MD; Sany Thomas, MBBCh;
Anders F. Mellgren, MD, FACS; William Kobak, MD; Johan
Nordenstam, MD, PhD; *Chicago, IL*

VE27 | 12:45-4:00 pm

Pediatric Surgery

LOCATION: 2

TRACK(S): PED

COORDINATOR AND PRESIDING OFFICER(S):

Barbara A. Gaines, MD, FACS; *Pittsburgh, PA*, and Shawn D.
St. Peter, MD, FACS; *Kansas City, MO*

Laparoscopic Repair of Recurrent Congenital Diaphragmatic Hernia with Mesh

Hira Ahmad, MD; Lynn Model, MD; Fuad Alkhoury, MD,
FACS; *Miami, FL*

Laparoscopic Upper-Pole Partial Splenectomy: Technical Approach

Nicholas Bruns, MD; Aaron P. Garrison, MD, FACS; Ian
Glenn, MD; Todd A. Ponsky, MD, FACS; Avraham D.
Schlager, MD; *Akron, OH*

Laparoscopic Ovary-Conserving Resection of a Mature Teratoma in a Premenarchal Female

Sarah B. Cairo, MD, MPH; Benjamin Tabak, MD, FACS;
Katherine D. Bass, MD, MBA; *Buffalo, NY*

Laparoscopic Excision of a Congenital Splenic Cyst in an Adolescent Female

Sarah B. Cairo, MD, MPH; Benjamin Tabak, MD, FACS;
David H. Rothstein, MD, MS, FACS; *Buffalo, NY*

Right-Sided Thoracoscopic Repair of Esophageal Atresia with Distal Tracheoesophageal Fistula in a 2kg Infant with a Right-Sided Aortic Arch

Jason D. Fraser, MD; Tolulope A. Oyetunji, MBChB;
Kansas City, MO

Laparoscopic Excision of a Retroperitoneal Infradiaphragmatic Extralobar Sequestration in a 7 kg Infant

Jeffrey W. Gander, MD, FACS; *Charlottesville, VA*

Management of Anastomotic Stricture following Tracheoesophageal Repair with Endoscopic Biliary Stenting in Infant

Ashley W. Gerrish, MD; Christopher L. Kalmar, MD; Evange-
line K. Arulraja; Shawn D. Safford, MD, MAS, FACS; *Roa-
noke, VA*

Combined Fluoroscopic and Dual-Endoscopic Dilation of Complete Esophageal Stricture

Yosef J. Greenspon, MD, FACS; Faidah O. Badru, MD, MPH;
Saurabh Saxena, MD; Gustavo A. Villalona, MD; *St. Louis, MO*

Multidisciplinary Approach to Choledocholithiasis in a Short Bowel Syndrome Infant

Richard J. Hendrickson, MD, FACS; Doug Rivard, DO; Paul
R. Bowlin, MD; *Kansas City, MO*

Laparoscopic Cystgastrostomy

Kevin N. Johnson, MD; Cory N. Criss, MD; Matthew Ralls,
MD; James D. Geiger, MD, FACS; *Ann Arbor, MI*

Bronchoscopy and Open Repair of Esophageal Atresia with Tracheoesophageal Fistula and a Vascular Ring

Julia Y. Chen, MD; Shinjiro Hirose, MD, FACS; Rebecca
Stark, MD; *Sacramento, CA*

Laparoscopic Resection of a Congenital Pelvic Mass

Erica D. Kane, MD; Katharine Bittner, MD; Rebecca A.
Brocks, MD; Wayne Duke, MD; Roxanne Florence, MD;
Michael V. Tirabassi, MD, FACS, FAAP; *Springfield, MA*

Resection of a Superior Right Mediastinal Lymphatic Malformation Encasing the Azygous Vein

Harold J. Leraas, MA; Victoria A. Bendersky; Megan Turner,
MD; Brian Ezekian, MD; Uttara Nag, MD; Gary Schooler,
MD; Elisabeth T. Tracy, MD; Steven J. Fishman, MD, FACS;
Durham, NC

Laparoscopic Neonatal Ovarian-Sparing Cystectomy

Gustavo A. Villalona, MD; Faidah O. Badru, MD; Saurabh
Saxena, MD; *St. Louis, MO*

Laparoscopic Resection of Pediatric Paraganglioma

Cristine S. Velazco, MD; Erin Garvey, MD; Michelina Kauff-
man, MD; Paul S. Dickman, MD; Daniel J. Ostlie, MD, FACS;
Justin H. Lee, MD; *Phoenix, AZ*

VE28 | 12:45-4:00 pm
Surgical Cases in Trauma

LOCATION: 33ABC

TRACK(S): TRA

COORDINATOR AND PRESIDING OFFICER(S):

Christopher J. Dente, MD, FACS; *Atlanta, GA*

PANELISTS:

Mark David Cipolle, MD, PhD, FACS; *Newark, DE*
Alexander L. Eastman, MD, MPH, FACS; *Dallas, TX*
Tanya L. Zakrisson, MD, FACS; *Miami Beach, FL***Hollow Viscus Injuries (HVI) after Penetrating Abdominal Trauma: How to Do Diagnostic Trauma Laparoscopy and Minimally Invasive Repair or Resection**Alberto Casati, MD; Gregorio G. Tugnoli, MD; Edoardo Segalini, MD; Arianna Birindelli; Andrea Biscardi, MD; Alice Piccinini, MD; Carlo Coniglio, MD; Paula Ferrada, MD, FACS; Giovanni Gordini, MD, PhD; Salomone Di Saverio, MD, FACS; *Bologna, Italy***Hyper-Reinnervation after Traumatic Upper Extremity Amputation: A New Approach to Amputations**Albert Chi, MD, FACS; Robert Armiger, MS; Courtney Moran; *Laurel, MD***Retrohepatic Inferior Vena Cava (IVC) Injuries**Elizabeth R. Benjamin, MD, PhD, FACS; Caroline Park, MD, MPH; Demetrios Demetriades, MD, PhD, FACS; *Los Angeles, CA***Small-Bowel and Mesentery Injuries (SBMI) after Blunt Abdominal Trauma: How to Do Diagnostic Trauma Laparoscopy and Minimally Invasive Definitive Management**Edoardo Segalini, MD; Gregorio G. Tugnoli, MD; Alberto Casati, MD; Arianna Birindelli; Andrea Biscardi, MD; Alice Piccinini, MD; Sherman Kwan; Micaela Piccoli, MD; Paula Ferrada, MD, FACS; Salomone Di Saverio, MD, FACS; *Bologna, Italy***Use of 3-D Printing for Fracture Location and Plate Modeling in the Preoperative Setting of a Rib Fixation Surgery**Diogo F. Garcia, MD, PhD, FACS; JoaoPaulo Ripardo, MD, PhD, FACS; Vinicius C. Fonseca, MD, PhD, FACS; Jose Cruvinel, MD, PhD, FACS; *Sao Paulo, Brazil***Surgery Skill Training: Temporary Vascular Shunt Placement**Robert Doiron, MD; Edgardo S. Salcedo, MD, FACS; Anthony J. Carden, MD; David E. Leshikar, MD; Joseph M. Galante, MD, FACS; *Sacramento, CA***Robotic-Assisted Repair of Traumatic Diaphragmatic Hernia**Daniel J. Galante, DO; Marcie Feinman, MD, FACS; *Baltimore, MD***Intraperitoneal Damage Control for Pelvic Fracture Hemorrhage**Kazuhide Matsushima, MD; Patrick Heindel; Morgan Schellenberg, MD, MPH; Caroline Park, MD, MPH; Demetrios Demetriades, MD, PhD; *Los Angeles, CA***Thoracoscopic Evacuation of a Giant Traumatic Extrapleural Hematoma**Chaitan K. Narsule, MD, FACS; Bedabrata Sarkar, MD, PhD, FACS; *Boston, MA***Laparoscopic Splenectomy for Large Abscess and Failed Nonoperative Management (NOM) after Splenic Angioembolization for Blunt Trauma**Salomone Di Saverio, MD, FACS; Edoardo Segalini, MD; Arianna Birindelli; Alberto Casati, MD; Andrea Biscardi, MD; Dominique Spacca; Sherman Kwan; Carlo Coniglio, MD; Paula Ferrada, MD, FACS; Gregorio G. Tugnoli, MD; *Bologna, Italy***VE29 | 2:30-4:00 pm**
Pancreas Surgery II

LOCATION: 32AB

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Daniel M. Labow, MD, FACS

Surgical Theory of the Least Harm in Pancreatic SurgeryMengyu Feng, MD; Zhe Cao, MD; Hui Zhang; Qiang Xu; Taiping Zhang; *Beijing, China***Advanced Technology in the Management of Intraductal Cholangiocarcinoma**Kevin M. Lowe, MD, PhD, FACS; Neil Sharma, MD, FACC; *Fort Wayne, IN***Completely Intracorporeal Handsewn Laparoscopic Anastomosis during Whipple Procedure**Nigel A. Bascombe, MD; Giovanni Dapri, MD, PhD, FACS; *Brussels, Belgium***Laparoscopic Isolated Resection of Pancreatic Uncinate Process for Intraductal Papillary Mucinous Neoplasm**Chaojie Huang; Yiping Mou, MD, FACS; *Zhejiang, China***Strategies for Arterial Bleeding Control during Robot-Assisted Whipple**Luis F. Gonzalez-Ciccarelli, MD; Raquel Gonzalez-Heredia, MD, PhD; Federico Gheza, MD; Pablo Quadri, MD; Mario Marsur, MD; Francesco M. Bianco, MD; Pier C. Giulianotti; *Chicago, IL***VE30 | 4:15-5:45 pm**
Hepatobiliary Surgery II

LOCATION: 2

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Pascal R. Fuchshuber, MD, PhD, FACS; *Walnut Creek, CA***Robot-Assisted Common Bile Duct Exploration for Impacted Stone**Subhashini M. Ayloo, MD, FACS; Jacob Schwartzman, MD; *Chicago, IL***Laparoscopic Left Hepatectomy for Mucinous Cystic Neoplasm of the Liver**Nazareno NS. Smerieri, MD; Guido Fiorentini, MD; Francesca Ratti; Federica Cipriani; Andrea Belli; Luca Aldrighetti; *Milan, Italy*

Laparoscopic Hepatic Resection of Segment 5 with En Bloc Cholecystectomy for Hydatid Cyst and Symptomatic Cholelithiasis

Layla Musleh, MD; Lidia Castagneto Gisse, MD; Germano Mariano, MD; Roberto Santoro, MD; Giovanni Vennarecci, MD; Giuseppe Maria Ettore; *Rome, Italy*

Laparoscopic Segment 7 Resection for Prostate Cancer Liver Metastasis

Nazareno NS. Smerieri, MD; Francesca Ratti; Federica Cipriani; Guido Fiorentini, MD; Luca Aldrighetti; *Milan, Italy*

Laparoscopic S7-Segmentectomy of the Liver in Semi-Prone Position with Caudal Approach

Zenichi Morise, MD, PhD, FACS; *Toyoake, Japan*

Testing the Integrity of Roux-en-Y Hepaticojejunostomy: The Air Insufflation Test

Rajan Saxena, MB, BS, FACS; *Uttar Pradesh, India*

Final Treatment of the Laparoscopic Lesion of the Biliary Confluence after Different Surgical Treatments

Enrique Moreno Gonzalez, MD, FACS(Hon); Alvaro García-Sesma, MD; Jorge Calvo, MD; Alejandro Manrique, MD; *Madrid, Spain*

VE31 | 4:15-5:45 pm

General Surgery IV: Oncology

LOCATION: 33ABC

TRACK(S): ONC, GEN

COORDINATOR AND PRESIDING OFFICER(S):

Steven D. Schweitzberg, MD, FACS; *Buffalo, NY*

Hidden Scar Port Placement

Dona Hobart, MD; *Westminster, MD*

Laparoscopic Transabdominal Resection of Chest Wall Schwannoma

Christina Koh, MD; Matthew D. Whealon, MD; Alessio Pigazzi, MD, FACS; *Orange, CA*

Retroperitoneal Schwannoma, Laparoscopic Resection

Daniel A. Crescenti, MD; Mariano Palermo, MD, FACS; Jose I. Pitaco, MD; Eduardo Gomez, MD; Angel M. Minetti, MD, FACS; *Buenos Aires, Argentina*

Extended Hemipelvectomy to Left Colectomy and Nephrectomy in Malignant Recurrent Histiocytoma

Enrique Moreno Gonzalez, MD, FACS(Hon); Félix Cambra, MD; Alvaro García-Sesma, MD; Jorge Calvo, MD; *Madrid, Spain*

Endoscopic Preperitoneal Iliac and Obturator Lymphadenectomy with Endoscopic Inguinal Lymphadenectomy

Carlo M. Contreras, MD, FACS; *Birmingham, AL*

Limb Preservation with Isolated Limb Perfusion for Locally Advanced Melanoma Cutaneous Improvement Techniques to the Standard Procedure

Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD, PhD; Ricardo Caruso, MD; Benedetto Ielpo, MD; Hipolito Duran, MD, PhD; Eduardo Diaz, MD; Isabel Fabra, MD; Valentina Ferri, MD; Luis Malave, MD; D. Kalivaci, MD; *Madrid, Spain*

How to Perform a Totally Videoscopic Inguinal-Iliac-Obturator Lymphadenectomy: An Increasingly Used Minimally Invasive Approach for Metastatic Melanoma

Francesco Sucameli, MD, Surgery Resident; Nicola Solari, MD; Francesca Ré; Ferdinando Cafiero, MD, FACS; *Genoa, Italy*

Combined Gastric Gastrointestinal Stromal Tumor (GIST) and Leiomyoma of the Gastroesophageal Junction-Robotic Assisted Resection

Manuel Garcia, MD; Wing S. Wu, MD; Stephanie Keeth, MSN; Jeffrey Quigley, DO; Aarthi Kannappan, MD; Daniel P. Srikureja, MD; Keith R. Scharf, DO, FACS; Carlos A. Garberoglio, MD, FACS; Marcos J. Michelotti, MD, FACS; *Loma Linda, CA*

VE32 | 4:15-5:45 pm

Video Atlas Showcase—Bariatric Surgery Volume

LOCATION: 31BC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Raul J. Rosenthal, MD, FACS, FASMB; *Weston, FL*

Intragastric Balloons

John M. Morton, MD, MPH, FACS, FASMB; *Stanford, CA*

Management of Gastro-Gastric Fistulae

Samer G. Mattar, MBBCh, FACS; *Portland, OR*

Gastrojejunostomy (GJ) Anastomotic Technique: Circular Stapler

Alan C. Wittgrove, MD, FACS; *La Jolla, CA*

Gastrojejunostomy (GJ) Anastomotic Technique: Hand Suture

Kelvin D. Higa, MD, FACS; *Fresno, CA*

Conversion of Vertical Banded Gastroplasty (VBG) to Gastric Bypass (GBP)

Emanuele Lo Menzo, MD, PhD, FACS; *Weston, FL*

Management of Leaks after Gastric Bypass

Raul J. Rosenthal, MD, FACS, FASMB; *Weston, FL*

Thursday, October 26

VE33 | 8:00-9:30 am

New Techniques in Robotic Surgery

LOCATION: 31BC

TRACK(S): GEN

COORDINATOR AND PRESIDING OFFICER(S):

Sharona B. Ross, MD, FACS; *Tampa, FL*

Laparoscopic Transversus Abdominis Release with Robotic Reconstruction

Clayton C. Petro, MD; Ivy N. Haskins, MD; Arielle J. Perez, MD; Michael J. Rosen, MD, FACS; Ajita S. Prabhu, MD, FACS; *Cleveland, OH*

A Mechanically Intuitive Laparoscopic Needle Driver

Cory N. Criss, MD; Matthew Ralls, MD; Kevin N. Johnson, MD; James D. Geiger, MD, FACS; Marcus D. Jarboe, MD, FACS; *Cleveland, OH*

Robotic Distal Pancreatectomy and Splenectomy

Sharona Ross, MD, FACS; Darrell Downs, ATC; Iswanto Sucandy, MD; Alexander Rosemurgy, MD, FACS; *Tampa, FL*

Robot-Assisted Left Lateral Segmentectomy for Hepatocellular Carcinoma (HCC) in a Cirrhotic Liver

Subhashini M. Ayloo, MD, FACS; Jacob Schwartzman, MD; *Chicago, IL*

Firefly Ureter Identification during Robotic Sigmoidectomy

Yosef Y. Nasser, MD, FACS; *Los Angeles, CA*

da Vinci Xi Robotic Sigmoidectomy for Chronic Complicated Diverticular Disease

H. Hande Aydinli, MD; Cigdem Benlice, MD; I. Emre Gorgun, MD, FACS, FASCRS; *Cleveland, OH*

Pure Laparoscopic Robotic Total Proctocolectomy with Transabdominal Robotic Anal Mucosectomy

Raquel Bravo, MD; Kristen Blaker, MD; Alessio Pigazzi, MD, FACS; *Irvine, CA*

Magnetic Surgery: The Reawakening of Single-Incision Procedures

Daniel Guerron, MD; Juan Alvarez, MD; Camila Ortega, MD; Dana D. Portenier, MD, FACS; *Durham, NC*

Robot-Assisted Repair of Grynfelt Leshaft Hernia

Rana C. Pullatt, MB, BS, FACS; Chase A. Arbra, MD; Anna Matrachisia, MD; Gabe Chedister, MD; Colston Edgerton, MD; *Charleston, SC*

VE34 | 8:00-11:15 am

Colon and Rectal Surgery II

LOCATION: 33ABC

TRACK(S): CRS

COORDINATOR AND PRESIDING OFFICER(S):

Alessandro Fichera, MD, FACS; *Seattle, WA*

da Vinci-Assisted Transanal Total Mesorectal Excision

Tafadzwa P. Makarawo, MB ChB; Edward Hagen; John Griffin, MD, FACS; Amir L. Bastawrous, MD, MBA, FACS; *Seattle, WA*

Transanal Total Mesorectal Excision (TaTME) with Laparoscopic Liver Resection and Trananal Splenic Extraction

Alodia Gabre-Kidan, MD; Yuksel Altinel, MD; Aaron J.H. Lee, DO; Conrad H. Simpfendorfer, MD, FACS; Dana R. Sands, MD, FACS, FASCRS; Steven D. Wexner, MD, FACS; *Weston, FL*

Transanal Total Mesorectal Excision (TaTME) for Rectal Cancer with Reusable Port and Indocyanine Green (ICG) Fluorescence Control of Bowel Perfusion

Luigi Boni, MD, FACS; Abe L. Fingerhut, MD, FACS; Stefano Rausei, MD, PhD; Elisa EC. Cassinotti, MD; *Milan, Italy*

Totally Laparoscopic Right Hemicolectomy with Focus on Vascular Approach

Pedro M. Vasconcelos; Marina L. Duarte; Sónia F. Martins; *Santarém, Portugal*

Laparoscopic Proctocolectomy with Complete Mesocolic and Total Mesorectal Excision

Hermann P. Kessler, MD, PhD, FACS; *Cleveland, OH*

Laparoscopic Resection of a Locally Advanced Ileal Neuroendocrine Tumor

Sarath Sujatha-Bhaskar, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Mehraneh D. Jafari, MD; *Orange, CA*

Modified Laparoscopic Wells Procedure for J-Pouch Torsion

Dominic M. Forte, MD; Jason Bingham, MD; Andrew Schluskel, DO; *Tacoma, WA*

Repair of a Recto-Urethral Fistula after Prostatectomy

Slawomir J. Marecik, MD, FACS; Marek Stobnicki, MD, FACS; Taha Sheikh; Sany Thomas, MBBCH; Kunal Kochar, MD; John J. Park, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS; *Park Ridge, IL*

Endoscopic Submucosal Dissection with Closure of Colonic Perforation using Over-the-Scope-Clip System (OTSC)

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Meandering Mesenteric Artery and Its Significance in Colon Surgery

Anusak Yiengpruksawan, MD, FACS; *Ridgewood, NJ*

To Stent or Not to Stent?: Immediate Emergency Surgery with Laparoscopic Radical Colectomy with Complete Mesocolic Excision (CME) and Primary Anastomosis Is Feasible for Obstructing Left Colon Carcinoma

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Double Balloon Colonic Endoscopic Submucosal Dissection: Improved Learning Curve over Conventional Cap Technique

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Complex Abdominal Wall Closure in a Reoperative Colorectal Abdomen

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6. American Urological Association
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8. Society of University Surgeons
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The American College of Surgeons Professional Association (ACSPA) is an affiliated not-for-profit corporation founded by the ACS Board of Regents in 2002 to promote and benefit the interests of surgeons and their patients. An initial and major component of ACSPA's efforts is the formation of a political action committee (PAC) that works to improve the legislative and regulatory climate in which surgeons practice.

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Committee for Metabolic and Bariatric Surgery

The American College of Surgeons (ACS) and the American Society for Metabolic and Bariatric Surgery (ASMBS) combined their respective metabolic and bariatric surgery accreditation programs into a single unified program to achieve one national accreditation standard for metabolic and bariatric surgery centers, the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP). MBSAQIP works to advance safe, high-quality care for bariatric surgical patients through the accreditation of metabolic and bariatric surgical centers. A metabolic and bariatric surgical center achieves accreditation following a rigorous review process during which it proves that it can maintain certain physical resources, human resources, and standards of practice. All accredited centers report their outcomes to the MBSAQIP database. The Committee for Metabolic and Bariatric Surgery (CMBS) was established to provide support, guidance, and clinical expertise to the MBSAQIP.

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The mission of the Academy of Master Surgeon Educators is to continually advance the science of education across all disciplines of surgery through innovation, and the promotion of the highest achievements in surgical education. These goals will be achieved by the following:

- Establishing an academy based on specific criteria
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- Translating innovation into action

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The Accreditation Review Committee for the American College of Surgeons Program of Accredited Education Institutes consists of Fellows of the College who have expertise in various aspects of skills education and training, in addition to directing their own centers. The members of the committee are appointed by the College and will serve a term of three years, with an option for reappointment for a second three-year term. The committee meets twice a year to make accreditation decisions. In addition, as needed, the Committee will evaluate the effectiveness of the overall ACS Program for the Accreditation of Education Institutes. The purpose of the Accreditation Review Committee is to review the data and information submitted in the application and gathered from the site surveyors. The Accreditation Review Committee will make the overall accreditation decision, determining whether an institution that submits an application meets the criteria for accreditation as a Comprehensive or Focused Institute.

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Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multidisciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities; and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership comprises 110 individuals who are either surgeons representing the College or member organization representatives from the 57 national, professional organizations affiliated with the commission. The activities of the Commission are coordinated through the Accreditation, Advocacy, Cancer Liaison, Education, Executive, Member Organization Steering, Nominating, and Quality Integration Committees.

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 David W. Larson, MD, FACS, FASCRS, *Rochester, MN*
 Benjamin D. L. Li, MD, FACS, *Cleveland, OH*
 Sharon S. Lum, MD, FACS, *Loma Linda, CA*
 Daniel P. McKellar, MD, FACS, *Greenville, OH*
 Mary J. Milroy, MD, FACS, *Yankton, SD*
 John R. T. Monson, MB, BCh, FACS, *Orlando, FL*
 Timothy W. Mullett, MD, FACS, *Lexington, KY*
 Ashwani Rajput, MD, FACS, *Albuquerque, NM*
 Jennifer E. Rosen, MD, FACS, *Washington, DC*
 Terry Sarantou, MD, FACS, *Charlotte, NC*
 David G. Sheldon, MD, FACS, *Kalispell, MT*
 Danny M. Takanishi, Jr., MD, FACS, *Honolulu, HI*
 Brad E. Waddell, MD, FACS, *Bangor, ME*
 Steven D. Wexner, MD, FACS, *Weston, FL*
 Sandra L. Wong, MD, MS, FACS, *Lebanon, NH*
 Curtis J. Wray, MD, FACS, *Houston, TX*
 Stephen C. Yang, MD, FACS, *Baltimore, MD*
 Jonathan S. Zager, MD, FACS, *Tampa, FL*

STAFF:

Asa Carter, *Chicago, IL*
 Lynda Watt, *Chicago, IL*
 David P. Winchester, MD, FACS, *Chicago, IL*

Committee on Diversity Issues

The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups.

CHAIR: Mallory Williams, MD, FACS, *Toledo, OH*

VICE-CHAIR: Amelia C. Grover, MD, FACS, *Richmond, VA*

CONSULTANT: Karyn L. Butler, MD, FACS, *Hartford, CT*

LIAISONS:

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Jaime C. G. Arango, MD, FACS, *Wilmington, DE*

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 Shubhada M. Dhage, MD, FACS, *New York, NY*
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 Juan A. Sanchez, MD, FACS, *Baltimore, MD*

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Kenneth B. Simon, MD, FACS, *Gulfport, MS*

STAFF: Connie Bura, *Chicago, IL*

Committee on Education

The Committee on Education provides the overall direction, guidance, and coordination for the spectrum of educational activities of the ACS and comprehensively addresses the needs of various learners, including practicing surgeons, surgery residents, fellows, and medical students, at the various stages in their professional development and from across the surgical disciplines.

CHAIR: Julie A. Freischlag, MD, FACS, *Winston-Salem, NC*

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 Celeste M. Hollands, MD, FACS, *Lubbock, TX*
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 Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*
 Valerie W. Rusch, MD, FACS, *New York, NY*

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*
 Linda Lupi, *Chicago, IL*

Committee on Ethics

The Committee on Ethics provides the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.

CHAIR: Henri R. Ford, MD, MHA, FACS, FAAP, *Los Angeles, CA*

CONSULTANT: Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

MEMBERS:

Peter Angelos, MD, FACS, *Chicago, IL*
 Sharmila Dissanaik, MB, BS, FACS, *Lubbock, TX*
 Alberto R. Ferreres, MD, FACS(Hon), *Buenos Aires, Argentina*
 Scott B. Grant, MD, MBE, *Chicago, IL*
 Fabrizio Michelassi, MD, FACS, *New York, NY*
 Russell J. Nauta, MD, FACS, *Cambridge, MA*
 J. David Richardson, MD, FACS, *Louisville, KY*
 Margaret Schwarze, MD, FACS, *Madison, WI*
 Eric A. Singer, MD, MA, FACS, *New Brunswick, NJ*
 Mark Siegler, MD, *Chicago, IL*
 Richard I. Whyte, MD, FACS, *Boston, MA*

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*
 Margaret B. Morier, *Chicago, IL*

Owen H. Wangenstein Scientific Forum Committee

The Scientific Forum Committee was instituted by the Board of Regents of the American College of Surgeons to provide a dedicated place within the Clinical Congress where investigators present the results of their original clinical and experimental research. The Scientific Forum provides a venue for surgeon-scientists to exchange novel findings and fosters dialogue through oral and poster presentations. The environment is strongly supportive of surgical trainees' involvement with dedicated awards for excellence in research for this group.

CHAIR: Mary T. Hawn, MD, FACS, *Stanford, CA*

VICE-CHAIR: Edith Tzeng, MD, FACS, *Pittsburgh, PA*

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 Jacqueline S. Jeruss, MD, FACS, *Ann Arbor, MI*
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 Lillian S. Kao, MD, FACS, *Houston, TX*
 Viraj Master, MD, FACS, *Atlanta, GA*
 Addison K. May, MD, FACS, *Nashville, TN*
 Babak J. Mehrara, MD, FACS, *New York, NY*
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 Julie A. Sosa, MD, FACS, *Durham, NC*
 Ali Tavakkoli, MB, BS, FACS, *Boston, MA*
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STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
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 M. Jane Burns, MJ(C), *Chicago, IL*
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Comprehensive Communications Committee

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 Patricia L. Turner, MD, FACS, *Chicago, IL*
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General Surgery Coding and Reimbursement Committee

The General Surgery Coding and Reimbursement Committee represents and acts in the interests of general surgeons and their clinical practices regarding regulatory, legislative, and other issues that impact coding, billing, and reimbursement for general surgical services.

VICE-CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

MEMBERS:

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 Christopher K. Senkowski, MD, FACS, *Savannah, GA*
 Kenneth B. Simon, MD, FACS, *Gulfport, MS*
 Samuel D. Smith, MD, FACS, *Little Rock, AR*
 Michael J. Sutherland, MD, FACS, *Little Rock, AR*
 Phoenix Vuong, MD, *Flushing, NY*
 Robert M. Zwolak, MD, FACS, *Lebanon, NH*

STAFF:

Vinita Ollapally, JD, *Washington, DC*

Health Information Technology Committee

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 Gretchen P. Jackson, MD, PhD, FACS, *Nashville, TN*
 Andrew R. Watson, MLitt, MD, FACS, *Pittsburgh, PA*

LIAISONS:

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 Ellen Derrick, MD, MPH, FACS, *Everett, WA*

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 David R. Hunt, MD, FACS, *Hyattsville, MD*
 Brian P. Jacob, MD, FACS, *New York, NY*
 Paul C. Kuo, MD, MS, MBA, FACS, *Maywood, IL*
 Rifat Latifi, MD, FACS, *Valhalla, NY*
 Genevieve B. Melton-Meaux, MD, FACS, *Minneapolis, MN*
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 Archana Ramaswamy, MD, FACS, *Minneapolis, MN*
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 Sohail R. Shah, MD, MSHA, FACS, *Houston, TX*
 Oliver S. Soldes, MD, FACS, *Akron, OH*
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 Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*
 Erik G. Van Eaton, MD, FACS, *Seattle, WA*
 Mark C. Weissler, MD, FACS, *Chapel Hill, NC*
 George Chun-Hei Wu, MD, *Seattle, WA*

STAFF:

Patti Anderson, *Chicago, IL*
 Brian Harper, *Chicago, IL*

Health Policy Advisory Council

The Health Policy Advisory Council is responsible for fostering an extensive grassroots advocacy network throughout the Fellowship of the College. Councilors are expected to develop expertise on legislative, political, and regulatory issues in order to serve as a two-way communication pathway between Fellows at-large and the Division of Advocacy and Health Policy, and to mentor future members of other health care committees.

CHAIR: Charles D. Mabry, MD, FACS, *Pine Bluff, AR*

MEMBERS:

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 James W. Gigantelli, MD, FACS, *Omaha, NE*
 Ronald I. Gross, MD, FACS, *Springfield, MA*
 Jay Johannigman, MD, FACS, *Cincinnati, OH*
 Amy E. Liepert, MD, FACS, *Madison, WI*
 Thomas E. Reeve, III, MD, FACS, *Carrollton, GA*
 Mika N. Sinanan, MD, PhD, FACS, *Seattle, WA*
 Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*
 Brett Tracy, MD, *Savannah, GA*
 Leonard J. Weireter, Jr., MD, FACS, *Norfolk, VA*

STAFF:

Kristin McDonald, *Washington, DC*
 Katie Oehmen, *Washington, DC*

Health Policy and Advocacy Group

The purpose of the Health Policy and Advocacy Group is to identify public policy issues and concerns affecting

surgeons and our patients; prioritize these issues and concerns; identify those that the ACS should focus its attention and resources on, and recommend these priorities to the Board of Regents; develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt; expand and monitor mechanisms by which the ACS makes surgeons, our patients, and the public aware of our health policies and agendas; and develop and maintain mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.

CHAIR: Marshall Z. Schwartz, MD, FACS, *Bryn Mawr, PA*

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 John G. Meara, MD, FACS, *Boston, MA*

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 Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*
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 Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*
 Amy E. Liepert, MD, FACS, *Madison, WI*
 Charles D. Mabry, MD, FACS, *Pine Bluff, AR*
 Alisha D. Reiss, MD, *Greenville, OH*
 Don J. Selzer, MD, FACS, *Indianapolis, IN*
 Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*
 Gary L. Timmerman, MD, FACS, *Sioux Falls, SD*

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 David B. Hoyt, MD, FACS, *Chicago, IL*
 Frank G. Opelka, MD, FACS, *Washington, DC*
 Christian Shalgian, *Washington, DC*
 Patricia L. Turner, MD, FACS, *Chicago, IL*

Committee on Interprofessional Education and Practice

The Committee on Interprofessional Education and Practice comprehensively addresses the educational needs of interprofessional surgical team members and educates surgeons about their roles; supports and assists team members involved in surgical care; participates in defining the duties of interprofessional surgical team members; and assists with the process of accreditation of their respective educational programs.

CHAIR: Edward M. Barksdale, Jr., MD, FACS, *Cleveland, OH*

VICE-CHAIR: Scott F. Gallagher, MD, FACS, *Winston-Salem, NC*

CONSULTANTS:

Reid B. Adams, MD, FACS, *Charlottesville, VA*
 Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

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 Mehra Golshan, MD, FACS, *Boston, MA*
 William G. Hawkins, MD, FACS, *St. Louis, MO*
 Sara H. Javid, MD, FACS, *Seattle, WA*
 Daryhl L. Johnson II, MD, MPH, FACS, *Chapel Hill, NC*
 John P. Kirby, MD, FACS, *St. Louis, MO*
 Kellie M. McFarlin, MD, FACS, *Detroit, MI*
 Richard E. Royal, MD, FACS, *Houston, TX*

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*
 Kim Echert, *Chicago, IL*
 Katrina McKenzie, *Chicago, IL*

International Relations Committee

To develop relationships and partnerships between the College, international surgeons, and international surgical and other health care organizations to address issues of surgical practice, education, research, advocacy, and leadership with the aim of achieving and safeguarding appropriately high standards of clinical care, access, safety, and quality improvement for surgery worldwide.

CHAIR: George Velmahos, MD, MEd, PhD, FACS, *Boston, MA*

VICE-CHAIR: Richard D. Schulick, MD, MBA, FACS, *Aurora, CO*

MEMBERS:

Waddah B. Al-Refaie, MB, BCh, FACS, *Washington, DC*
 Raul Coimbra, MD, PhD, FACS, *San Diego, CA*
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 Adam Dziki, MD, FACS(Hon), *Lodz, Poland*
 N. Joseph Espat, MD, FACS, *Providence, RI*
 Alberto R. Ferreres, MD, FACS(Hon), *Buenos Aires, Argentina*
 Cristina R. Ferrone, MD, FACS, *Boston, MA*
 Nader N. Hanna, MD, FACS, *Baltimore, MD*
 Heitham T. Hassoun, MD, FACS, *Baltimore, MD*
 Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*
 Haytham M. A. Kaafarani, MD, FACS, *Boston, MA*
 Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*
 Charles N. Mock, MD, FACS, *Seattle, WA*
 Daniela Molena, MD, FACS, *New York, NY*
 Raymond R. Price, MD, FACS, *Murray, UT*
 Jianan Ren, MD, FACS, *Nanjing, China*
 Carlo Rosati, MD, *Indianapolis, IN*
 Norbert Senninger, MD, FACS, *Muenster, Germany*
 Safwan A. Taha, MBChB, FACS, *Abu Dhabi, United Arab Emirates*

Georgios Tsoulfas, MD, FACS, *Thessaloniki, Greece*
 Mallory Williams, MD, FACS, *Toledo, OH*
 Katsuhiko Yanaga, MD, PhD, FACS, *Tokyo, Japan*
 Gazi B. Zibari, MD, FACS, *Shreveport, LA*

STAFF:

Patricia L. Turner, MD, FACS, *Chicago, IL*
 Kate Early, *Chicago, IL*

Legislative Committee

The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal and state legislation and policy issues that come before federal and state legislative bodies with the potential to affect the needs, interests, and roles of surgeons and surgical patients.

CHAIR: Don J. Selzer, MD, FACS, *Indianapolis, IN*

VICE-CHAIR: H. Randolph Bailey, MD, FACS, *Houston, TX*

MEMBERS:

Joshua A. Broghammer, MD, FACS, *Kansas City, KS*
 Steve C. Chen, MD, FACS, *Beverly Hills, CA*
 Ross F. Goldberg, MD, FACS, *Phoenix, AZ*
 James F. Goldszer, MD, FACS, *Rye, NY*
 John B. Hanks, MD, FACS, *Charlottesville, VA*
 Mark Kashtan, MD, *Boston, MA*
 Krista L. Kaups, MD, MSc, FACS, *Fresno, CA*
 Matthew B. Martin, MD, FACS, *Greensboro, NC*
 Margaret C. Tracci, MD, FACS, *Charlottesville, VA*

STAFF: Kristin McDonald, *Washington, DC*

Committee on Medical Student Education

The Committee on Medical Student Education's mission is to comprehensively address the educational needs in surgery for medical students during all four years of medical school, to support educational efforts that facilitate the transition from medical school to residency training, and to facilitate the involvement of medical students in the educational activities of the ACS.

CHAIR: Celeste M. Hollands, MD, FACS, *Lubbock, TX*

VICE-CHAIR: Susan Steinemann, MD, FACS, *Honolulu, HI*

BOARD OF GOVERNORS LIAISON: Mary L. Brandt, MD, FACS, *Houston, TX*

CONSULTANT: Stephen C. Yang, MD, FACS, *Baltimore, MD*

MEMBERS:

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 Navin Changoor, MD, *Washington, DC*
 Rebecca Evangelista, MD, FACS, *Washington, DC*
 Joseph A. Iocono, MD, MBA, FACS, *Lexington, KY*
 Jeremy M. Lipman, MD, FACS, *Cleveland, OH*
 Barbara J. Pettitt, MD, FACS, *Atlanta, GA*
 Paul J. Schenarts, MD, FACS, *Omaha, NE*

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*
 Kim Echert, *Chicago, IL*
 Katrina McKenzie, *Chicago, IL*

Committee on Health Care Disparities

The Committee on Health Care Disparities takes the position that there is an irrefutable association between the incidence of and outcomes from a host of surgical diseases and the many barriers (real and artificial) to access to care.

CHAIR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSEd(Hon), FCS(SA)(Hon), FRCSEd(Hon), Norfolk, VA

VICE-CHAIR: Adil H. Haider, MB, BS, FACS, Boston, MA

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A. Brent Eastman, MD, FACS, Rancho Santa Fe, CA
William P. Schecter, MD, FACS, San Francisco, CA
Beth H. Sutton, MD, FACS, Wichita Falls, TX
Gary L. Timmerman, MD, FACS, Sioux Falls, SD
Thomas F. Tracy, Jr., MD, FACS, Hershey, PA

STAFF: Maxine Rogers, Chicago, IL

Patient Education Committee

The Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee aims to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills necessary to participate in their surgical care and continued postoperative care upon discharge.

CO-CHAIRS:

John M. Daly, MD, FACS, Philadelphia, PA
Ajit K. Sachdeva, MD, FACS, FRCSC, Chicago, IL

MEMBERS:

Eileen M. Duggan, MD, Jamaica Plain, MA
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B.J. Hancock, MD, FACS, FRCSC, Winnipeg, MB
Mary T. Hawn, MD, FACS, Stanford, CA
Michael F. McGee, MD, FACS, Chicago, IL
Lena M. Napolitano, MD, FACS, Ann Arbor, MI
Leigh A. Neumayer, MD, FACS, Tucson, AZ
Terry Sarantou, MD, FACS, Charlotte, NC
Beth H. Sutton, MD, FACS, Wichita Falls, TX

STAFF:

Patrice Gabler Blair, MPH, Chicago, IL
Kathleen Heneghan, PhD, RN, PN-C, Chicago, IL
Amanda Bruggeman, Chicago, IL
Nancy Strand, Chicago, IL

Committee on Perioperative Care

The Committee on Perioperative Care (CPC) serves as the primary resource to the College, the profession, the community, and the government on topics concerning perioperative care. The mission of the CPC is to develop and present information and recommendations related to

education, technology, standards of care, clinical and facilities management, and assessment of outcomes.

CHAIR: Douglas J. E. Schuerer, MD, FACS, St. Louis, MO

VICE-CHAIR: Amy L. Halverson, MD, FACS, Chicago, IL

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CONSULTANT:

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Charlotte L. Guglielmi, RN, Quincy, MA
Feibi Zheng, MD, Houston, TX

MEMBERS:

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Steven B. Johnson, MD, FCCM, FACS, Phoenix, AZ
Marcovalerio Melis, MD, FACS, Long Island City, NY
Jasmeet S. Paul, MD, FACS, Albuquerque, NM
Mika N. Sinanan, MD, PhD, FACS, Seattle, WA
Richard S. Swanson, MD, FACS, Cambridge, MA

STAFF:

Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, Chicago, IL
Sameera Ali, MPH, Chicago, IL

Committee on Resident Education

The Committee on Resident Education comprehensively addresses the educational needs of surgical residents and Fellows from across the surgical disciplines and supports the educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.

CHAIR: Celia M. Divino, MD, FACS, New York, NY

VICE-CHAIR: Douglas S. Smink, MD, MPH, FACS, Boston, MA

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Aaron R. Jensen, MD, MEd, Los Angeles, CA
Erica L. Mitchell, MD, MEd, FACS, Portland, OR
Kenric M. Murayama, MD, FACS, Honolulu, HI
John R. Porterfield, Jr., MD, MSPH, FACS, Birmingham, AL
Edward S. Shipper III, MD, San Antonio, TX
Thomas K. Varghese, Jr., MD, MS, FACS, Salt Lake City, UT

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, Chicago, IL
Patrice Gabler Blair, MPH, Chicago, IL
Kim Echert, Chicago, IL
CherylInn Sherman, Chicago, IL

Resident and Associate Society (RAS-ACS)

The RAS-ACS serves to familiarize surgical residents and young surgeons with the ACS and its programs and the value of becoming a Fellow. The RAS-ACS provides opportunities for the opinions and concerns of residents and young surgeons to be heard by the ACS leadership. The RAS-ACS provides an avenue for participation in ACS affairs and promotes the development and use of leadership skills in organized surgery.

CHAIR: Nicolas J. Mouawad, MD, MPH, MBA, *Bay City, MI*

VICE-CHAIR: Afif N. Kulaylat, MD, *Harrisburg, PA*

SECRETARY: Rebecca Hoffman, MD, *Philadelphia, PA*

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 Kristen Busch, MD, *Salt Lake City, UT*
 Navin Changoor, MD, *Silver Spring, MD*
 Katie Crean, MD, *Cleveland, OH*
 Anna J. Dare, MB, ChB, *Toronto, ON*
 Stephen M. Doane, MD, *Culver City, CA*
 Eileen M. Duggan, MD, *Jamaica Plain, MA*
 Anne P. Ehlers, MD, *Seattle, WA*
 Ben Flink, MD, *Atlanta, GA*
 Gerald Gantt, MD, *Manchester, CT*
 Brian J. Gavitt, MD, MPH, *Cincinnati, OH*
 Scott B. Grant, MD, MBE, *Chicago, IL*
 John C. Hardaway, MD, *Lansing, MI*
 Douglas L. Helm, MD, FACS, *Wellesley, MA*
 Ashley Hink, MD, *Charleston, SC*
 How Y. H. Hon, MD, *Bethlehem, PA*
 Angela M. Ingraham, MD, *Madison, WI*
 Lily Johnston, MD, *Charlottesville, VA*
 Kyle J. Kalkwarf, MD, *Houston, TX*
 Mark Kashtan, MD, *Boston, MA*
 Reema Mallick, MD, *Danville, PA*
 Christopher F. McNicoll, MD, *Las Vegas, NV*
 Jonathan P. Meizoso, MD, *Miami, FL*
 Hunter Moore, MD, *Denver, CO*
 Joseph Nezgoda, MD, *West Palm Beach, FL*
 Rajiv Parikh, MD, *St. Louis, MO*
 Sangeetha Prabhakaran, MB, BS, *Wesley Chapel, FL*
 Alisha D. Reiss, MD, *Greenville, OH*
 Carlo Rosati, MD, *Indianapolis, IN*
 Paulvalery Roulette, MD, *Charlotte, NC*
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The Scholarships Committee promotes and administers the ACS research scholarships, fellowships, and awards.

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The mission of the Committee on Trauma is to improve all phases of the management of the injured patient including prehospital care and transportation, hospital care, and rehabilitation; to prevent injuries in the home, in industry, on the highway, and during participation in sports; to establish and implement institutional and systems standards for care of the injured; to provide education to improve trauma care; and to cooperate with other national organizations with similar objectives.

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Committee on Video-Based Education

The purpose of the Committee on Video-Based Education is to develop, across the surgical specialties, multimedia video-based education in order to educate surgeons and members of surgical teams to improve the care of the surgical patient, safeguard the standards of care in an optimal practice environment, as well as to educate the public regarding past, present, and future surgical topics.

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Women in Surgery Committee

The mission of the Women in Surgery Committee is to enable women surgeons of all ages and practice types to develop their individual potential as professionals; promote an environment that fosters inclusion, respect, and success; develop, encourage, and advance women surgeons as leaders; and provide a forum and networking opportunities to enhance women's surgical career satisfaction.

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Young Fellows Association

The Young Fellows Association serves as an inclusive organization for Young Fellows (45 years old and younger); provides opportunities for Young Fellows to be involved with College activities (four Workgroups are available: Advocacy, Communications, Education, and Member Services); and presents an annual forum during the Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.

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